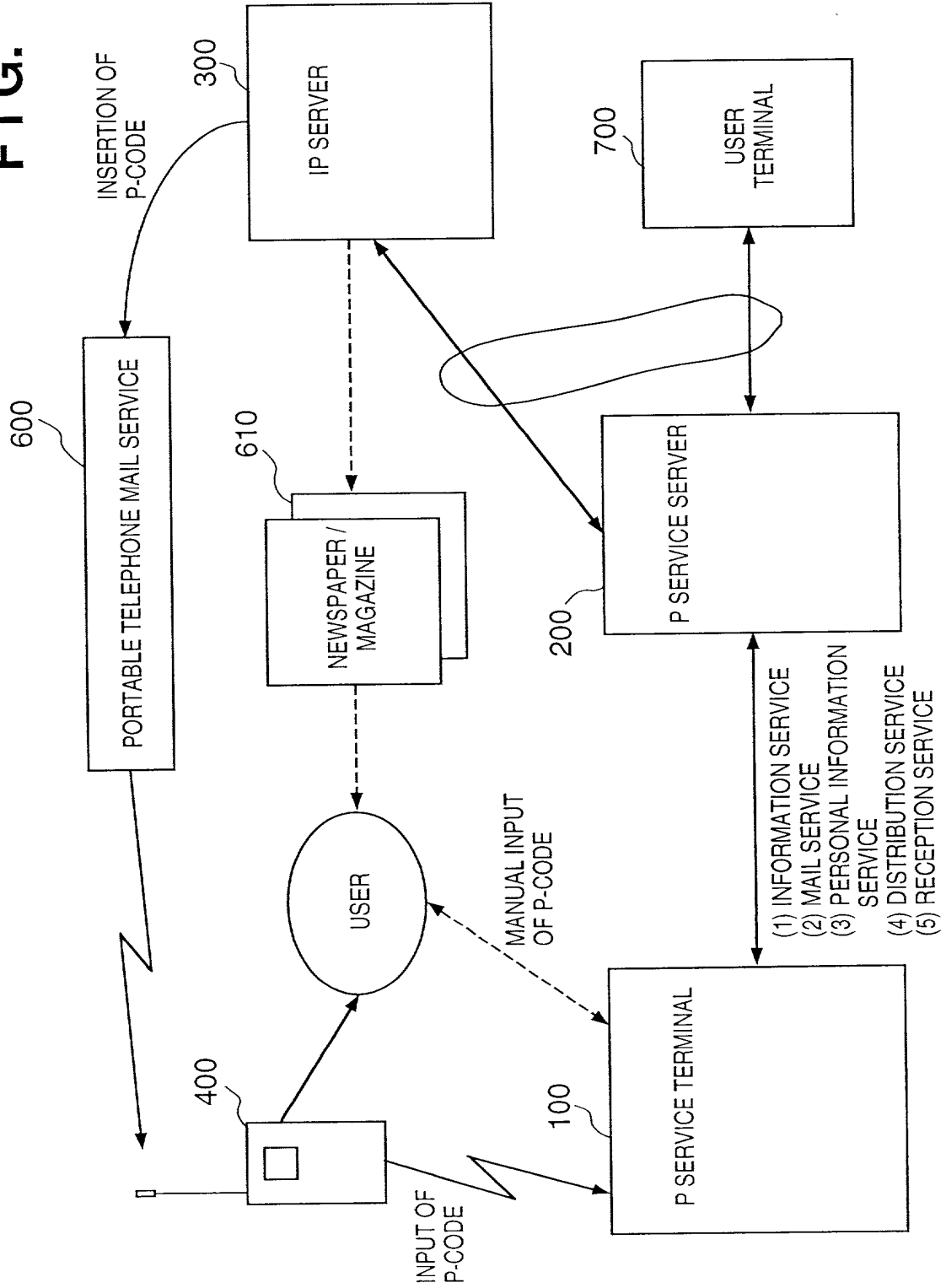


FIG. 1



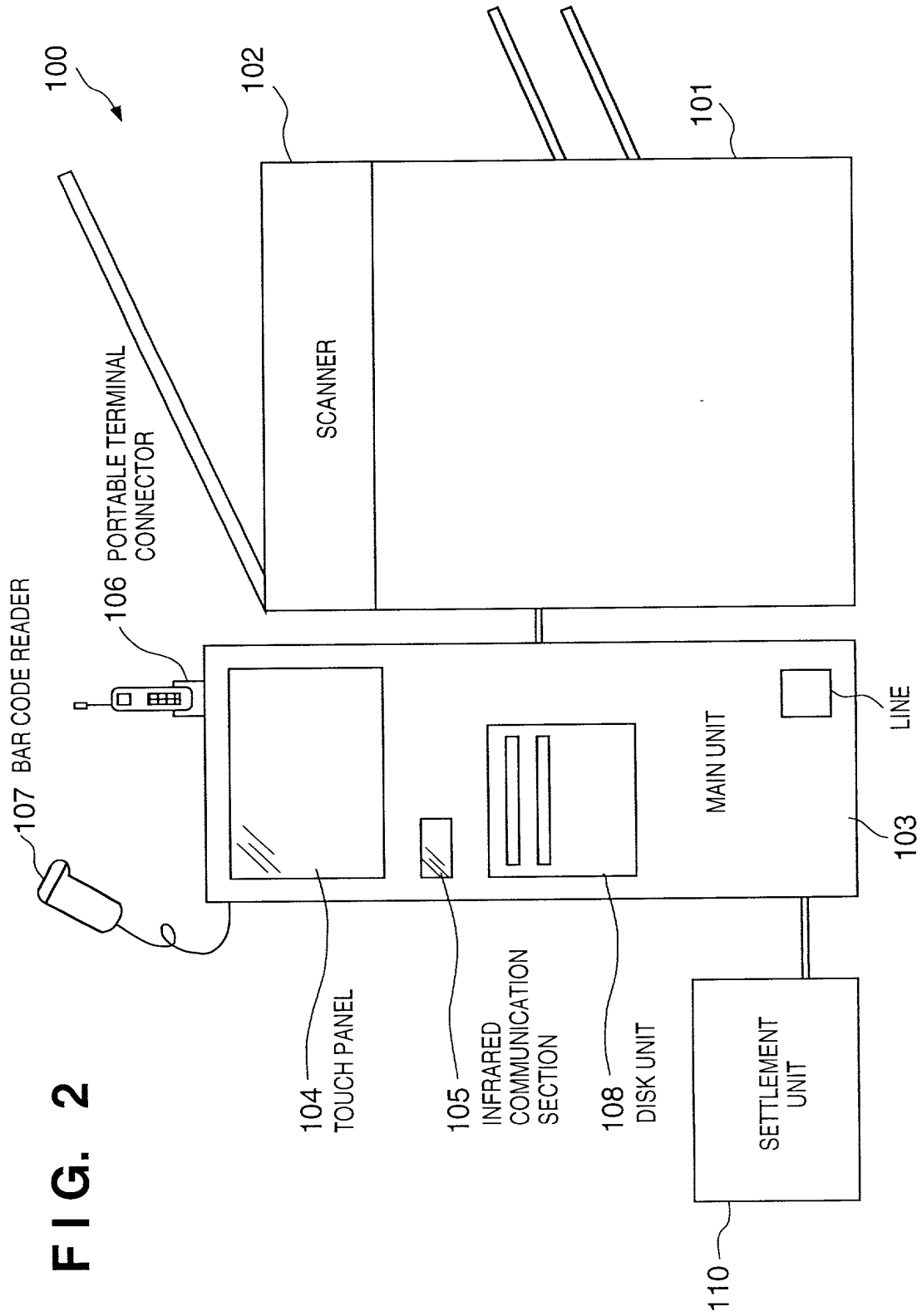


FIG. 3A

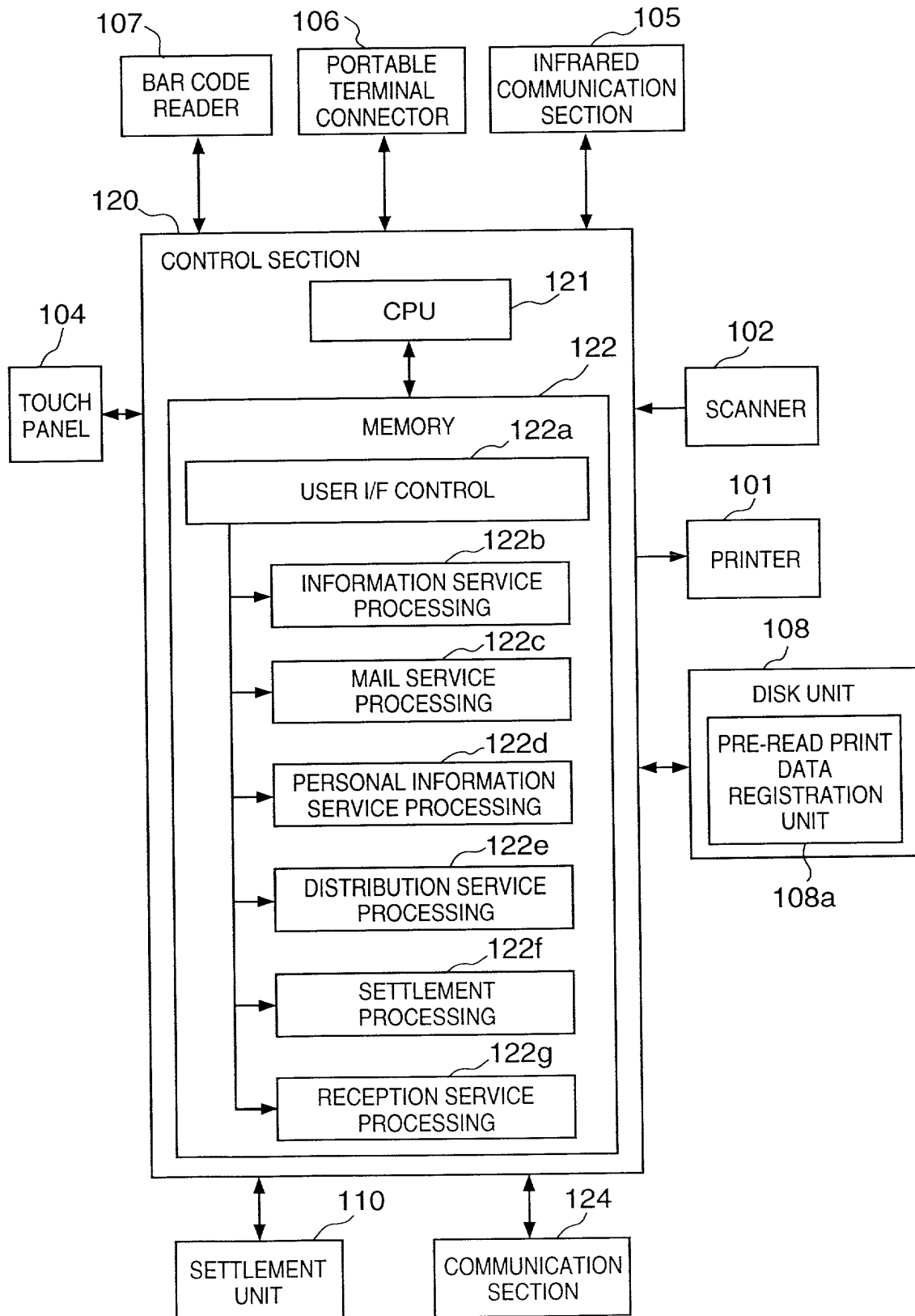


TABLE OF LOCAL TERMINAL		
P-CODE	VALID DATES OF DATA FILE NAME OF PRINT DATA PRINTING STATUS DATA DELETE NOTIFICATION FLAG NOTIFICATION DESTINATION	

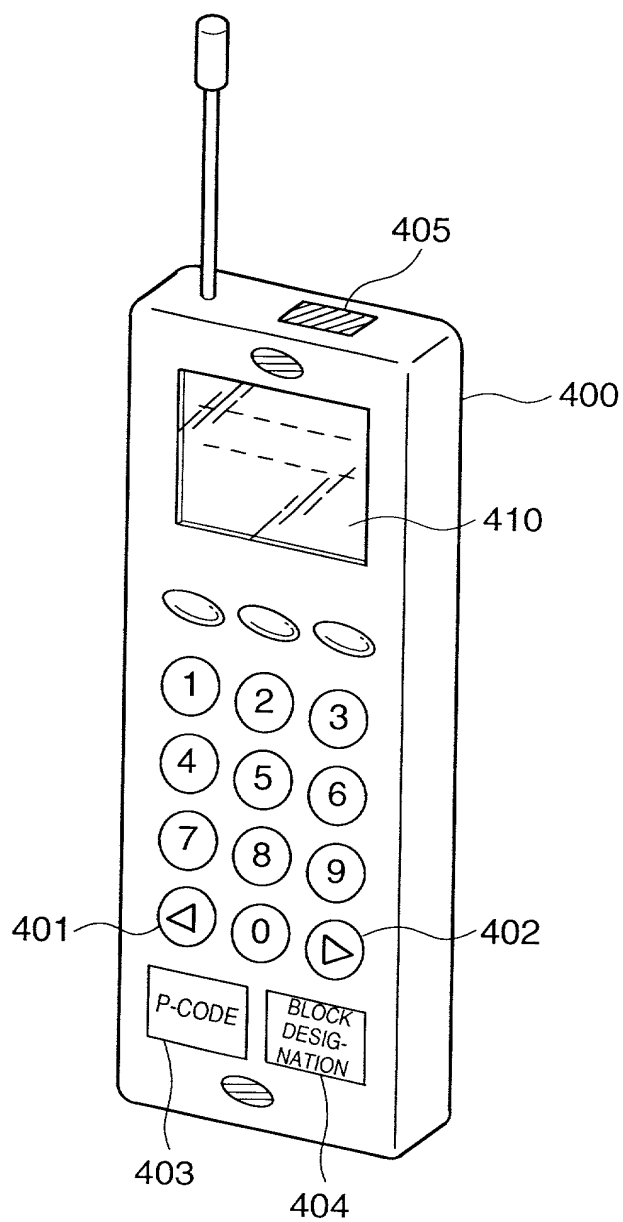
FIG. 4

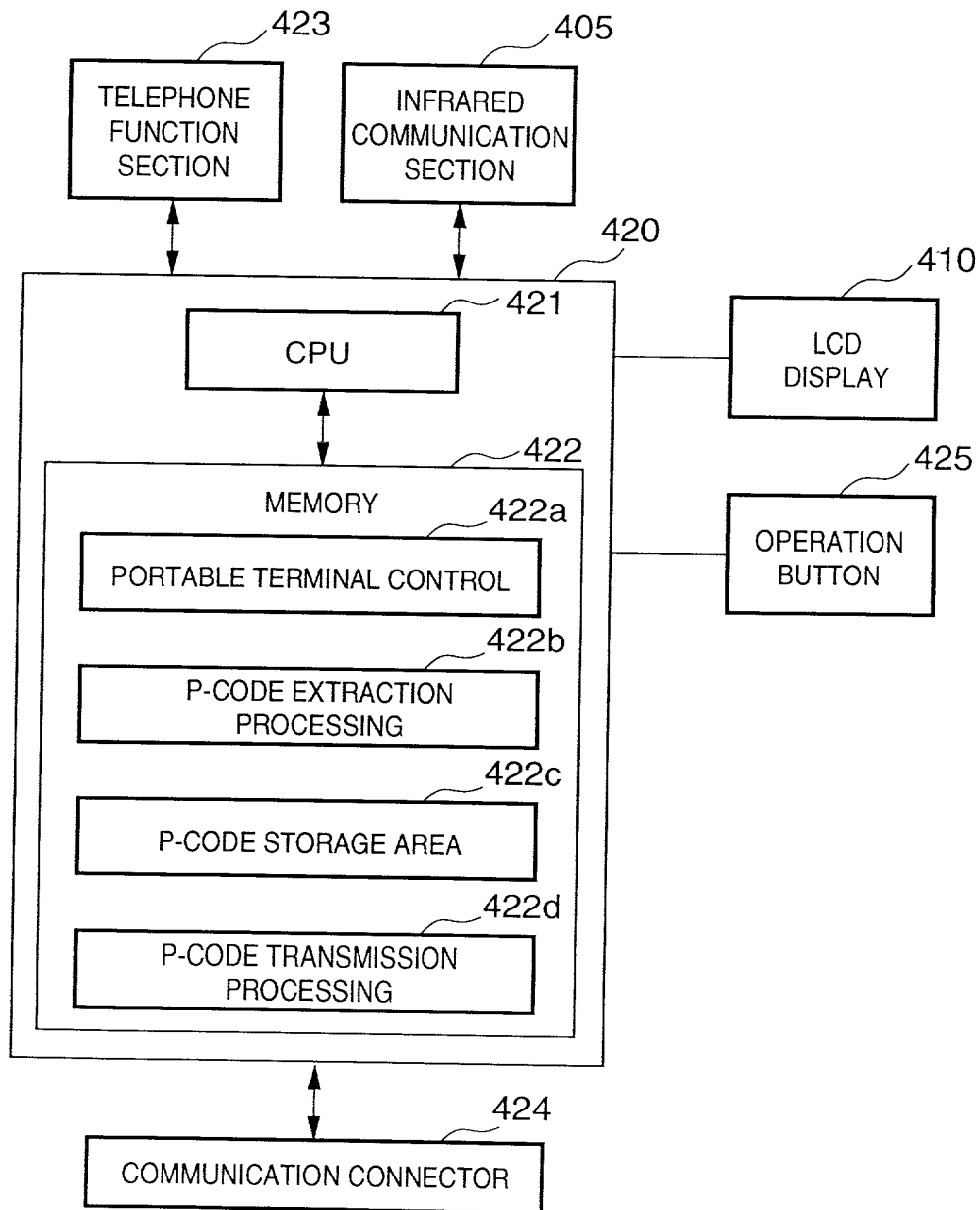
FIG. 5

FIG. 6

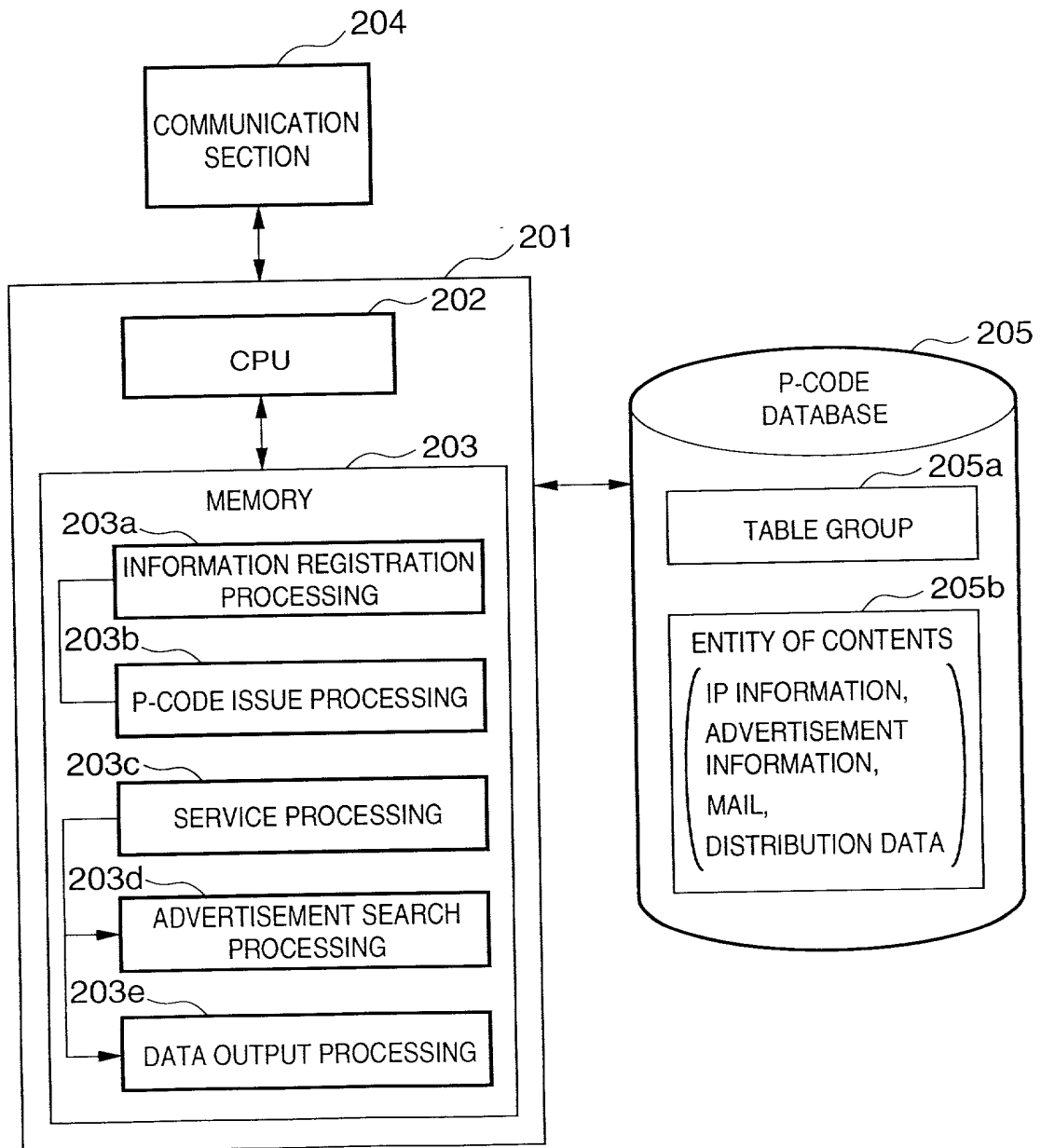


FIG. 7

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IP INFORMATION REGISTRATION TABLE		
P-CODE	IDENTIFICATION SECTION	PARENT CODE SECTION FLAG REPRESENTING WHETHER Sub-code IS PRESENT
		Sub-code SECTION LINK
	BASIC PROPERTIES	OWNER ID TITLE SUBTITLE (SUMMARY) STATUS PRICE OF INFORMATION SIZE ADVERTISEMENT INSERTION ENABLE / DISABLE CONDITION PASSWORD FOR INFORMATION DATA OF START OF INFORMATION INSERTION TERM OF INFORMATION VALID DATES OF CODE MINIMUM ENLARGEMENT LIMIT VALUE MINIMUM REDUCTION LIMIT VALUE GENRE SUBGENRE REGION CODE KEYWORD LIST KEYWORD WEIGHT LIST
	FRAME INFORMATION NONLINK INFORMATION ENTITY FILE INFORMATION	P-CODE P-CODE LINKED TO THIS INFORMATION NUMBER OF FILES FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)
		LINKED P-CODE
		REGISTERED, USABLE, SUSPENDED, ABOLISHED
		FOR INFORMATION WITH REGIONAL CHARACTERISTICS

FIG. 8

ADVERTISEMENT INFORMATION TABLE			
P-CODE	ADVERTISEMENT PROPERTIES	OWNER ID	TYPE OF LINK METHOD TARGET KEYWORD LIST TARGET KEYWORD WEIGHT LIST
		DATE OF START OF ADVERTISEMENT INSERTION	
		TERM OF ADVERTISEMENT	
	LINK INFORMATION TO IP INFORMATION		
	SIZE OF ADVERTISEMENT PORTRAIT / LANDSCAPE ADVERTISEMENT SIZE ADJUSTMENT METHOD SETTING OF ADVERTISEMENT INSERTION POSITION UPPER LIMIT OF AMOUNT ADVERTISEMENT PRICE INFORMATION (UNIT PRICE) UPPER LIMIT OF PRINTING COUNT CURRENT PRINTING COUNT		
LINK	P-CODE		
	ENTITY FILE INFORMATION	NUMBER OF FILES FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)	

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FIG. 9

USER INFORMATION TABLE

P-CODE (TELEPHONE) NUMBER OF USER	USER PROFILE	POSTAL CODE ADDRESS TYPE OF SERVICE TO BE USED COMPANY NAME INDUSTRY ID TYPE OF INDUSTRY (FOR ANOTHER CASE) POST NAME TITLE DUTY PRINTING PAPER INFORMATION	LAYOUT PRIORITY PAPER SIZE PAPER DIRECTION ADVERTISEMENT AMOUNT (USE OF LOWER SURFACE, ETC.)
		STANDARD OUTPUT DESTINATION INFORMATION NOTIFICATION SETTING	NOTIFICATION DESTINATION
		BIRTHDAY / BLOOD TYPE / SEX FINAL SCHOOL CAREER / OCCUPATION ID / OCCUPATION (FOR ANOTHER CASE) MARRIED / SINGLE / NUMBER OF FAMILY MEMBERS / INCOME / SAVINGS POSSESSION OF HOUSE / CAR / DISPLACEMENT / TYPE OF CAR MOTOR BICYCLE / DISPLACEMENT / TYPE OF MOTOR BICYCLE PET / PET USER WANTS TO HAVE HOBBY / MUSIC / MOVIE SPORTS USER WATCHES / SPORTS USER PLAYS / FISHING GENRE OF INTEREST (DESIRED INFORMATION) (ID LIST)	NOTIFICATION STATE (IN UPDATE, UPON COMPLETION OF PRE-TRANSFER, ETC.)
	PERSONAL INFORMATION TABLE	TO ANOTHER DB	
	MAIL SERVICE NFORMATION	NUMBER OF MAIL MESSAGES MAXIMUM EXPANSION LIMIT VALUE MINIMUM REDUCTION LIMIT VALUE P-CODE LIST (BY NUMBER OF MAIL MESSAGES)	
	DISTRIBUTION SERVICE INFORMATION	NUMBER OF REGISTERED DATA P-CODE LIST (BY NUMBER OF DISTRIBUTION DATA)	
	PERSONAL INFORMATION SERVICE INFORMATION	NUMBER OF FRAME DATA P-CODE LIST (BY NUMBER OF FRAME DATA)	
	RECEPTION SERVICE INFORMATION	NUMBER OF REGISTRATION DATA P-CODE LIST (BY NUMBER OF REGISTRATION DATA) CHARGED FLAG RECEPTION PASSWORD	

FIG. 10

MAIL SERVICE P-CODE TABLE		
P-CODE (TELEPHONE NUMBER#NUMBER)	PROPERTIES OF MAIL	SUBJECT SENDER DATE AND TIME OF TRANSMISSION
	ENTITY FILE INFORMATION	NUMBER OF FILES (INCLUDING ATTACHED FILE) FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)

FIG. 11A

DISTRIBUTION SERVICE P-CODE TABLE

P-CODE (TELEPHONE NUMBER-NUMBER)	PROPERTIES OF REGISTERED INFORMATION	TITLE * DATE OF INFORMATION REGISTRATION VALID DATES OF INFORMATION PASSWORD (PASSWORD) FOR INFORMATION
	ENTITY FILE INFORMATION	NUMBER OF FILES (INCLUDING ATTACHED FILE) FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)

RECEPTION SERVICE P-CODE TABLE

RECEPTION SERVICE P-CODE TABLE

FIG. 12

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PERSONAL INFORMATION SERVICE P-CODE TABLE

P-CODE (TELEPHONE NUMBER#NUMBER)	PROPERTIES OF PERSONAL P-CODE INFORMATION	TITLE DATE OF FINAL PRINTING PRINTING PAPER INFORMATION	PRIORITY FOR LAYOUT PAPER SIZE DIRECTION OF PAPER AMOUNT OF ADVERTISEMENT (e.g., USE OF LOWER SURFACE)
	REGISTERED P-CODE INFORMATION	NUMBER OF REGISTERED P-CODES P-CODE LIST (INDICATING FRAME)	

FIG. 13

PERSONAL INFORMATION TABLE

USER-ID	PHONETIC TRANSCRIPTION (LAST NAME) PHONETIC TRANSCRIPTION (FAMILY NAME) NAME (FAMILY NAME) NAME (FIRST NAME) NAME (MIDDLE NAME) POSTAL CODE ADDRESS TELEPHONE NUMBER FAX NUMBER PORTABLE TELEPHONE NUMBER E-MAIL ADDRESS PASSWORD NAME OF COMPANY BUSINESS CATEGORY ID BUSINESS CATEGORY (OTHERS) NAME OF DEPARTMENT / SECTION POST JOB POSTAL CODE OF COMPANY ADDRESS OF COMPANY TELEPHONE NUMBER OF COMPANY FAX NUMBER OF COMPANY PAYER INFORMATION		CREDIT CARD COMPANY FOR SETTLEMENT CARD NUMBER VALID DATES OF CARD
	USE DISK AREA INFORMATION CHARGE RECORD		
		PRIORITY FOR LAYOUT PAPER SIZE DIRECTION OF PAPER AMOUNT OF ADVERTISEMENT (e.g., USE OF LOWER SURFACE)	

FIG. 14

OWNER INFORMATION TABLE		SAME AS PERSONAL INFORMATION TABLE	
USER-ID		NAME OF COMPANY / NAME POSTAL CODE OF COMPANY ADDRESS OF COMPANY TELEPHONE NUMBER OF COMPANY FAX NUMBER OF COMPANY E-MAIL ADDRESS OF PERSON IN CHARGE PASSWORD BUSINESS CATEGORY ID BUSINESS CATEGORY (OTHERS) NAME OF DEPARTMENT / SECTION PAYER INFORMATION	
			BANK OF PAYER BANK ACCOUNT OF PAYER CONTRACT TERM
			USE DISK AREA INFORMATION CHARGE RECORD

FIG. 15

TERMINAL INFORMATION TABLE		
TERMINAL ID	OWNER ID	
	REGION INFORMATION	
	TYPE OF TERMINAL	
	REGION INFORMATION	
	VERSION OF TERMINAL VERSION OF TERMINAL SOFTWARE TERMINAL INPUT DEVICE INFORMATION CAPACITY OF TERMINAL STORAGE DEVICE TERMINAL OUTPUT DEVICE INFORMATION LANGUAGE PRINTING ABILITY	
	TERMINAL STATE INFORMATION	
		COUNTRY ADDRESS
		PAPER SIZE DOUBLE SIDE / ONE SIDE COLOR / MONOCHROME PRINTING SPEED FONT
		PRINTING SPOOL STATE INFORMATION OF REMAINING CAPACITY OF STORAGE DEVICE P-CODE CACHE STATE

FIG. 16

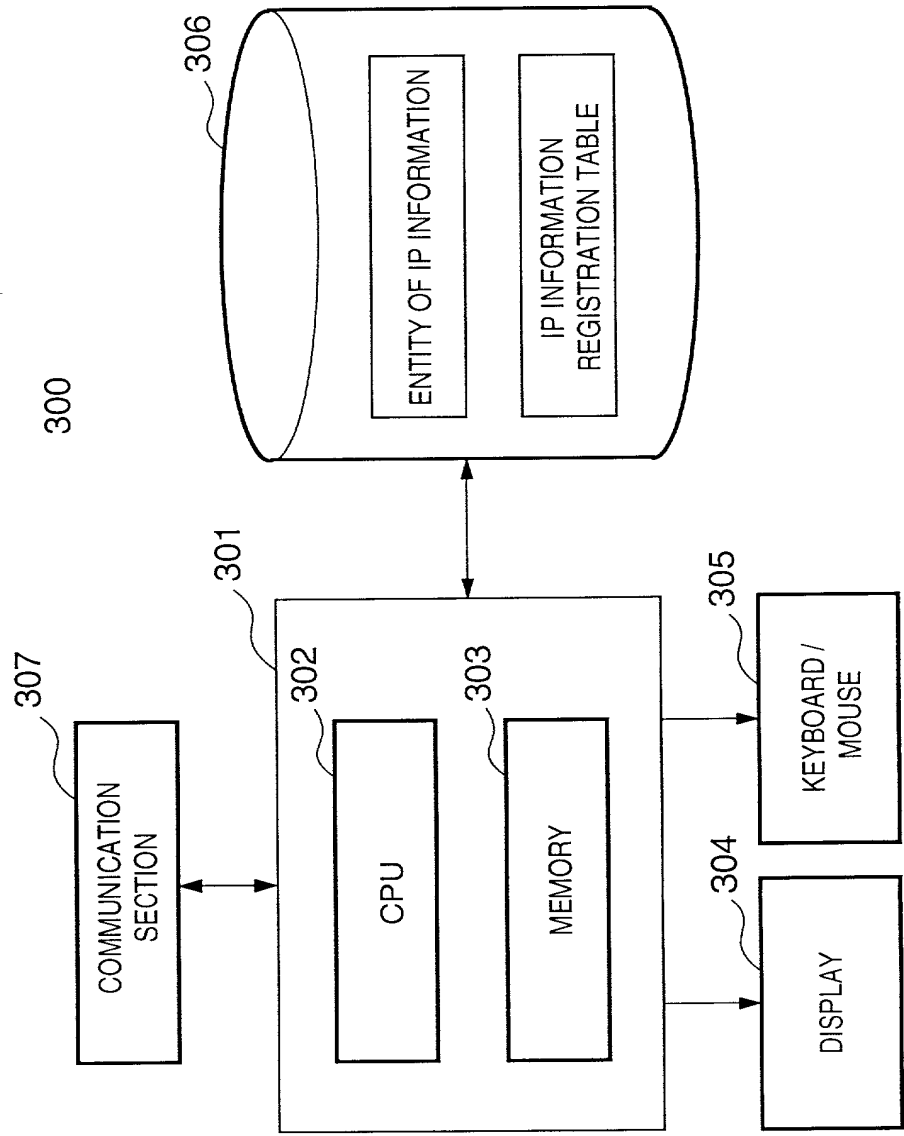
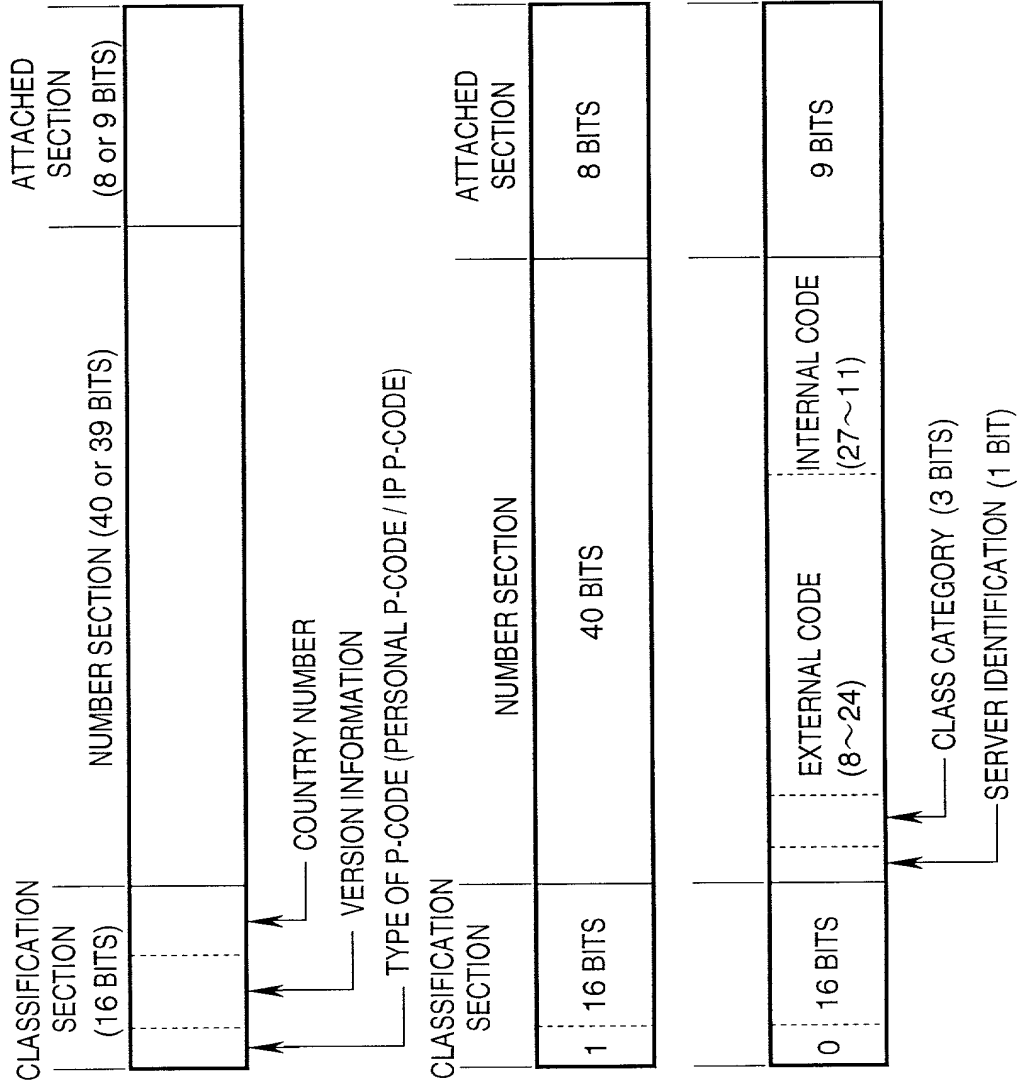


FIG. 17



Bit	CONTENTS OF P-CODE				
1	0 : INFORMATION P-CODE (BIT REPRESENTING WHETHER P-CODE IS TELEPHONE CODE)				1 : PERSONAL USER P-Code
2 3 4 5 6 7 8	VERSION BITS (7 BITS)				VERSION BITS (7 BITS)
9 10 11 12 13 14 15 16	COUNTRY NUMBER IDENTIFICATION BITS (8 BITS) (NORMALLY NOT INPUT BY USER)				COUNTRY NUMBER IDENTIFICATION BITS (8 BITS) (NORMALLY NOT INPUT BY USER)
17	CanDI SERVER IDENTIFICATION BIT (= 1 : CanDI SERVER)				TELEPHONE NUMBER (INTEGER HAVING 12 DIGITS AT MAXIMUM) (40 BITS)
18	IP SCALE IDENTIFICATION BITS (3 BITS)				
19	(=1: MINIMAL SCALE, = 2 : SMALL SCALE, = 3 : MEDIUM SCALE,				
20	= 4 : LARGE SCALE, = 5 : MAXIMAL SCALE)				
21 22 23 24 25 26 27 28	SITE IDENTIFICATION BITS (24 BITS) (FOR IP IN MINIMAL SCALE), NUMBER OF REGISTER-ABLE IPS IS 16,000,000	SITE IDENTIFICATION BITS (20 BITS) (FOR IP IN SMALL SCALE), NUMBER OF REGISTER-ABLE IPS IS 1,048,575	SITE IDENTIFICATION BITS (16 BITS) (FOR IP IN MEDIUM SCALE), NUMBER OF REGISTER-ABLE IPS IS 65,535	SITE IDENTIFICATION BITS (12 BITS) (FOR IP IN LARGE SCALE), NUMBER OF REGISTER-ABLE IPS IS 2,047	SITE IDENTIFICATION BITS (8 BITS) (FOR IP IN MAXIMAL SCALE AND CanDI SERVER), THE MAXIMUM NUMBER OF REGISTER-ABLE IPS IS 256
29 30 31 32				INDIVIDUAL INFORMATION ID BITS (27 BITS), EACH IP CAN REGISTER UP TO ABOUT 130,000,000 PIECES OF INFORMATION	
33 34 35 36				INDIVIDUAL INFORMATION ID BITS (23 BITS), EACH IP CAN REGISTER UP TO ABOUT 8,000,000 PIECES OF INFORMATION	
37 38 39 40				INDIVIDUAL INFORMATION ID BITS (19 BITS), EACH IP CAN REGISTER UP TO ABOUT 500,000 PIECES OF INFORMATION	
41 42 43 44				INDIVIDUAL INFORMATION ID BITS (15 BITS), EACH IP CAN REGISTER UP TO ABOUT 32,767 PIECES OF INFORMATION	
45 46 47 48 49 50 51 52 53 54 55	INDIVIDUAL INFORMATION ID BITS (11 BITS), EACH IP CAN REGISTER UP TO ABOUT 2,047 PIECES OF INFORMATION				
56 57 58 59	SUFFIX (9 BITS), 512 PIECES AT MAXIMUM				TYPE OF SUFFIX (3 BITS), 7 TYPES AT MAXIMUM
60 61 62 63 64					SUFFIX (5 BITS), 31 PIECES AT MAXIMUM

FIG. 19

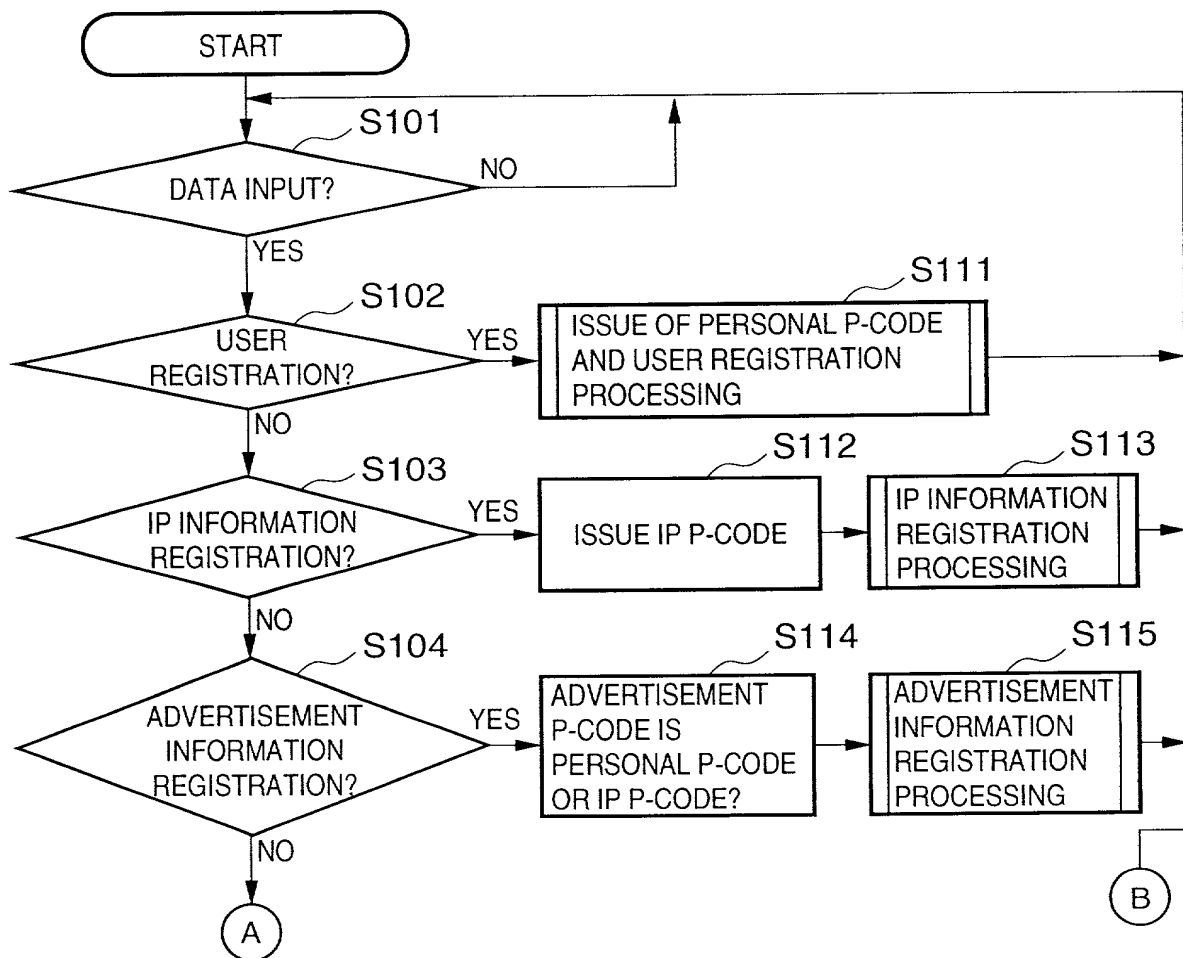


FIG. 20A

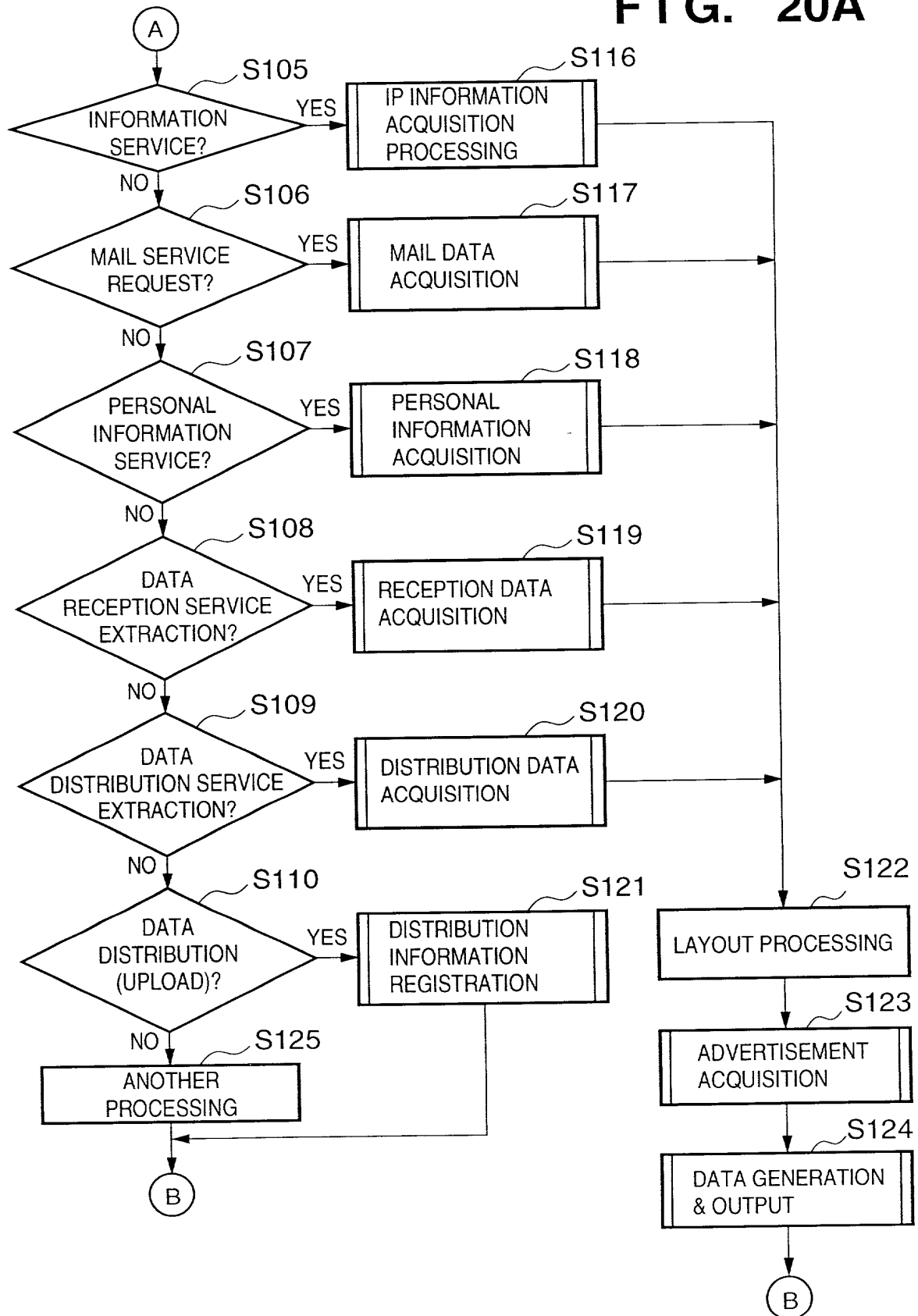


FIG. 20B

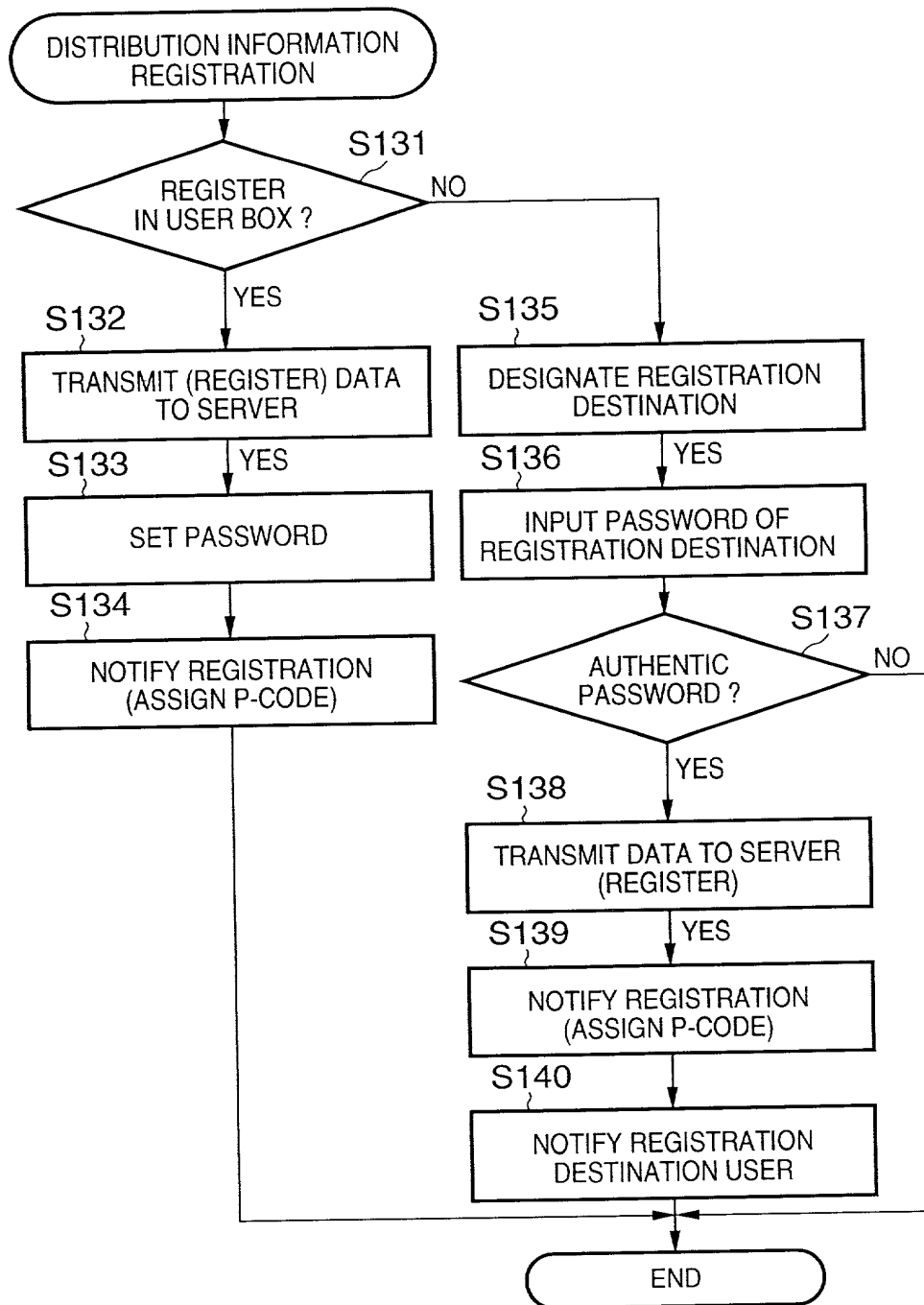


FIG. 21

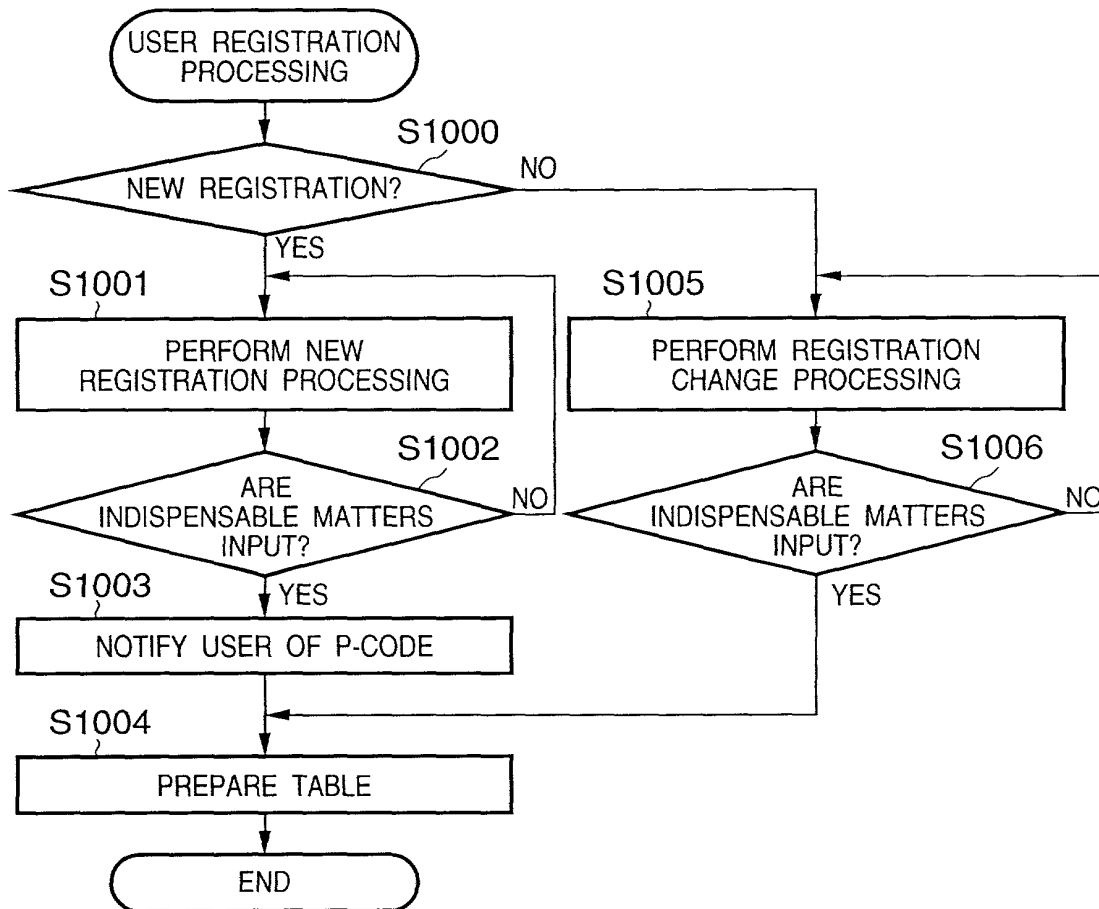


FIG. 22

USER ID : NEWLY REGISTERED MEMBER

1000	NAME / ADDRESS (<u>N</u>)	PASSWORD (<u>P</u>)	1010
1020	PLACE OF EMPLOYMENT (<u>A</u>)	CREDIT CARD (<u>C</u>)	1030
1040	SERVICE (<u>S</u>)	PERSONAL INFORMATION (<u>U</u>)	1050
1060	PERSONAL INFORMATION 2 (<u>D</u>)	DESIRED INFORMATION (<u>T</u>)	1070
1080	PRINTING PAPER (<u>Q</u>)	REGISTER FAVORITE INFORMATION (<u>R</u>)	1090
1091	SET RECEPTION SERVICE (<u>M</u>)	DESIGNATE PRINTING DESTINATION (<u>O</u>)	1092

OK CANCEL

FIG. 23

PHONETIC
TRANSCRIPTION (K): KOSUGI TARO

NAME (N): KOSUGI TARO

HOME

POSTAL CODE (Z): 211 - 0000

ADDRESS (A): 10-2, 5-CHOME, KAWASAKI-SHI, TOKYO

TELEPHONE
NUMBER (T): - -

FAX NUMBER (F): - -

PORTABLE TELEPHONE
NUMBER (C): 090 - 0289 - 2345

E-MAIL ADDRESS (E): kosugi@canon

OK CANCEL

FIG. 24

USER ID : NEW REGISTRATION MEMBER

PASSWORD (P) : ***

PASSWORD (FOR CONFIRMATION) (Q) :

OK CANCEL

FIG. 25

PLACE OF EMPLOYMENT

NAME OF COMPANY (C): CANON INC.

BUSINESS CATEGORY (K): MANUFACTURING ▾ OTHERS »

NAME OF DEPARTMENT / SECTION (D): MA PROJECT

POST (&P): SECTION MANAGER JOB (B): TECHNICAL EMPLOYEE

POSTAL CODE (Z): 211 - 0000

ADDRESS (A): 1-2-5, YAMASHITA-CHO, CHUO-KU, KAWASAKI-SHI

TELEPHONE NUMBER (T): 044 | - -

FAX NUMBER (F): - - -

OK CANCEL

FIG. 26

CREDIT CARD INFORMATION

CARD COMPANY

☐ VISA (V) ☐ MasterCard (M) ☐ AmericanExpress (A)

☐ JCB (J) ☒ DC (D)

CARD NUMBER (N): 0000 - 0000 - 0000 - 0000

VALID DATES (P): 99 / 4

OK CANCEL

FIG. 27

×

SELECT SERVICES

☒ MAIL SERVICE (M)

☒ PERSONAL INFORMATION SERVICE (P)

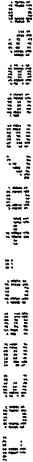
☐ INFORMATION REGISTRATION SERVICE (R)

☒ RECEPTION SERVICE (D)

OK

CANCEL

FIG. 28



DATE OF BIRTH (B): 99/04/01 ▼ BLOOD TYPE (L): A ▼

SEX (S): ☒ MALE ☐ FEMALE

FINAL SCHOOL CARRIER (G): UNIVERSITY/GRADUATE SCHOOL ▼

OCCUPATION (O): TECHNICAL EMPLOYEE ▼ OTHERS:

MARRIED/SINGLE (M): ☒ SINGLE ☐ MARRIED NUMBER OF FAMILY MEMBERS (A): ONE ▼

INCOME (I): ¥ 3,000,000 TO ¥ 5,000,000 ▼ AMOUNT OF SAVING (E): ¥ 1,000,000 OR LESS ▼

OK CANCEL

FIG. 29

				<input type="button" value="X"/>	
HOUSE (P)	<input type="radio"/> DETACHED HOUSE <input checked="" type="radio"/> APARTMENT HOUSE <input type="radio"/> RENTAL HOUSE				
	<input type="radio"/> COMPANY HOUSE / DORMITORY <input type="radio"/> HOUSE OWNED BY RELATIVE				
CAR etc. (C)	<input checked="" type="checkbox"/> PRIVATE CAR	PISTON DISPLACEMENT	1500~2000 <input type="button" value="v"/>	MODEL	RV <input type="button" value="v"/>
	<input type="checkbox"/> MOTOR-CYCLE	PISTON DISPLACEMENT	<input type="button" value="v"/>	MODEL	<input type="button" value="v"/>
PET (P)	<input type="checkbox"/> PET	TYPE	<input type="button" value="v"/>		
	<input checked="" type="checkbox"/> DESIRED PET	TYPE	DOG <input type="button" value="v"/>		
HOBBY (H)	<input checked="" type="checkbox"/> MUSIC LISTENING	FAVORITE GENRE	ROCK-'N'-ROLL <input type="button" value="v"/>		
	<input checked="" type="checkbox"/> MOVIEGOING	FAVORITE GENRE	SF <input type="button" value="v"/>		
	<input checked="" type="checkbox"/> SPECTATOR SPORTS	FAVORITE GENRE	PROFESSIONAL BASEBALL <input type="button" value="v"/>		
	<input checked="" type="checkbox"/> SPORTS	FAVORITE GENRE	SANDLOT BASEBALL <input type="button" value="v"/>		
	<input type="checkbox"/> FISHING	FAVORITE PLACE	<input type="button" value="v"/>		
				<input type="button" value="OK"/>	<input type="button" value="CANCEL"/>

FIG. 30

The figure shows a graphical user interface window. At the top is a title bar with a close button (X). Below the title bar is a 'KEYWORD SEARCH' section containing a text input field and a 'SEARCH' button. The main area of the window is titled 'DESIRED INFORMATION' and contains a list of options, each preceded by a checkbox. The options are:

- ☒ ECONOMY
- ☐ MARKET
- ☒ MARKET OUTLOOK
- ☒ DOMESTIC
- ☒ DOMESTIC MARKET OUTLOOK
- ☐ MERCHANDISE
- ☐ STOCK PRICE
- ☒ STOCK PRICE OUTLOOK
- ☒ FIRST SECTION OF TOKYO STOCK EXCHANGE
- ☐ DOW-JONES AVERAGE
- ☒ SPECIALLY DESIGNATED STOCK
- ☒ SECOND SECTION OF TOKYO STOCK EXCHANGE
- ☐ INTERNATIONAL
- ☒ EXCHANGE
- ☒ EXCHANGE OUTLOOK
- ☒ EACH MARKET
- ☒ ENTERTAINMENT
- ☒ SPORTS

At the bottom right of the window are two buttons: 'OK' and 'CANCEL'.

FIG. 31A

AUTOMATIC LAYOUT SETTING

☒ VISIBILITY PRIORITY ☐ PAGE COUNT PRIORITY

☐ DESIGNATE DEFAULT LAYOUT (D)
LAYOUT 1

DETAILS (P)

DEFAULT PAPER

PAPER SIZE (S) A4 ▼

DIRECTION OF PAPER (L) ☒ PORTRAIT ☐ LANDSCAPE

☒ PRIORITY TO DOUBLE-SIDE PRINTING (R)

OK CANCEL

FIG. 31B

CanDiNet MEMBER'S INFORMATION REGISTRATION OF PRINTING PAPER

RECEPTION SERVICE PASSWORD :

☒ SENDER WILL PAY THE CHARGE.

FIG. 31C

IF YOU DESIGNATE A PRINTING DESTINATION,
YOU CAN TRANSMIT PRINT DATA TO
THE PRINTING TERMINAL IN ADVANCE

☐ DESIGNATE

AOYAMA'S SHOP ▼

☐ NOT DESIGNATE

☒ NOTIFICATION OF TERMINATION

NOTIFICATION DESTINATION :

aaa@conon.co.jp

OK CANCEL

FIG. 32

USER ID : 09001234567

1000' NAME / ADDRESS (<u>N</u>)	PASSWORD (<u>P</u>) 1010'
1020' PLACE OF EMPLOYMENT (<u>A</u>)	CREDIT CARD (<u>C</u>) 1030'
1040' SERVICE (<u>S</u>)	PERSONAL INFORMATION (<u>U</u>) 1050'
1060' PERSONAL INFORMATION 2 (<u>D</u>)	DESIRED INFORMATION (<u>I</u>) 1070'
1080' PRINTING PAPER (<u>Q</u>)	REGISTER FAVORITE INFORMATION (<u>R</u>) 1090'
1091' SET RECEPTION SERVICE (<u>M</u>)	DESIGNATE PRINTING DESTINATION (<u>O</u>) 1092'

OK CANCEL

FIG. 33

A login dialog box with a title bar containing a close button (X). The dialog contains the following text and input fields:

- USER ID : 09082937251
- CURRENT PASSWORD (C) :
- PASSWORD (P) :
- PASSWORD (FOR CONFIRMATION) (Q) :
- OK button
- CANCEL button

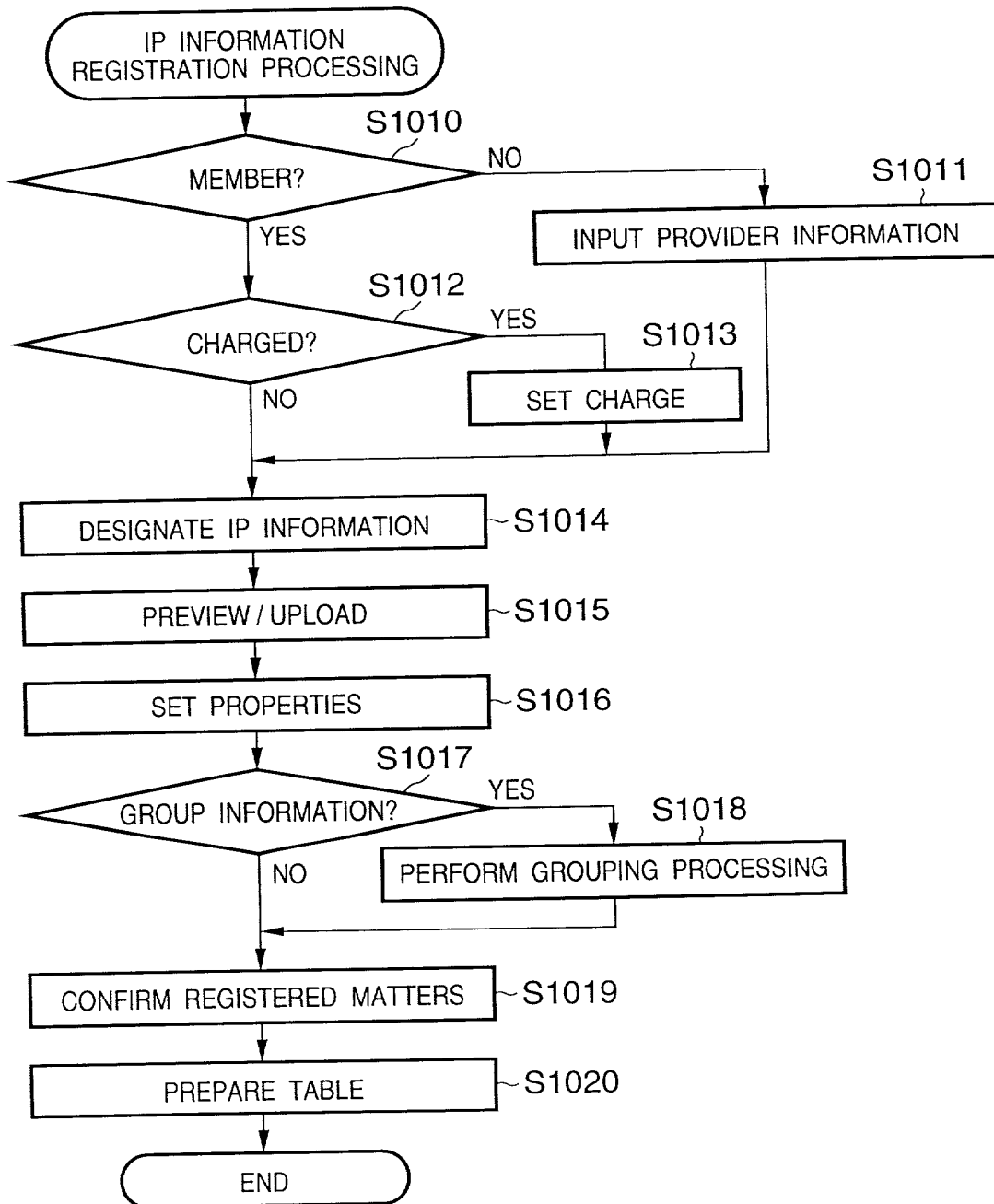
FIG. 34

FIG. 35

ARE YOU A MEMBER?

☒ YES (Y) MEMBERSHIP NUMBER (C): CAI-00023

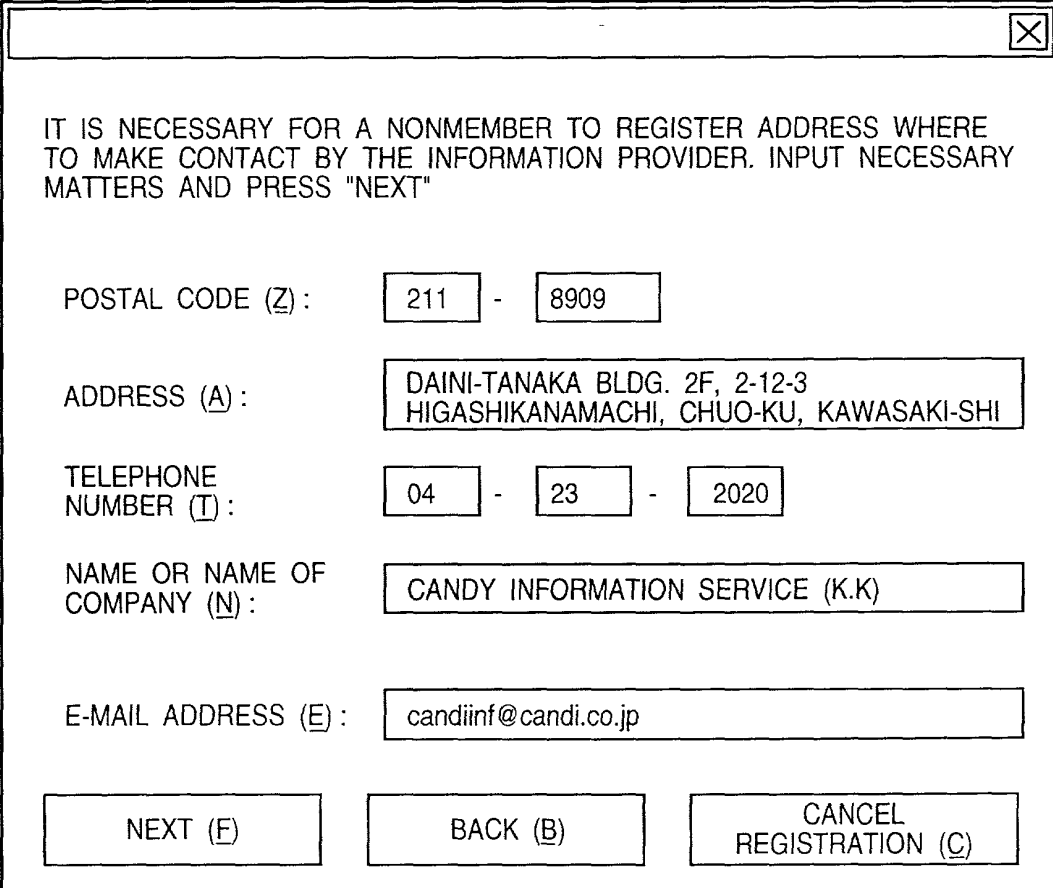
☐ NO (N)

NEXT (E) CANCEL (C)

FIG. 36

INPUT PASSWORD OF MEMBER ID CA_INF_0023 (P):

NEXT (F) BACK (B) CANCEL REGISTRATION (C)

FIG. 37

IT IS NECESSARY FOR A NONMEMBER TO REGISTER ADDRESS WHERE TO MAKE CONTACT BY THE INFORMATION PROVIDER. INPUT NECESSARY MATTERS AND PRESS "NEXT"

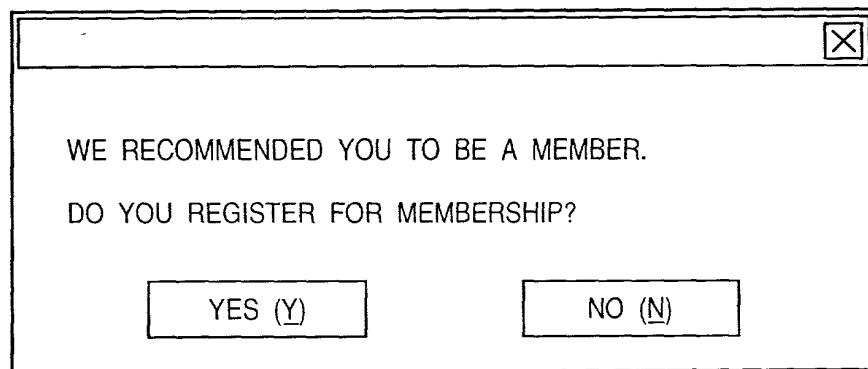
POSTAL CODE (Z): -

ADDRESS (A):

TELEPHONE NUMBER (T): - -

NAME OR NAME OF COMPANY (N):

E-MAIL ADDRESS (E):

FIG. 38

WE RECOMMENDED YOU TO BE A MEMBER.

DO YOU REGISTER FOR MEMBERSHIP?

YES (Y) NO (N)

FIG. 39

WILL YOU CHARGE FOR THIS INFORMATION?

☒ CHARGE FOR PRINTING (C)

CHARGE (P) PER PRINTING

NEXT (F) BACK (B) CANCEL REGISTRATION (C)

FIG. 40

DESIGNATE FILE TO BE REGISTERED (R)
YOU CAN DESIGNATE FILES WITH FOLLOWING EXTENSIONS
FILES WITHOUT EXTENSIONS ARE TREATED AS TEXT FILES

[txt, html, bmp, jpg, ico, tif, emf, wmf]

Top001.txt
Top_Attach.jpg

DESIGNATE FILE (A)

DELETE (D)

NEXT (F) BACK (B) CANCEL REGISTRATION (C)

FIG. 41

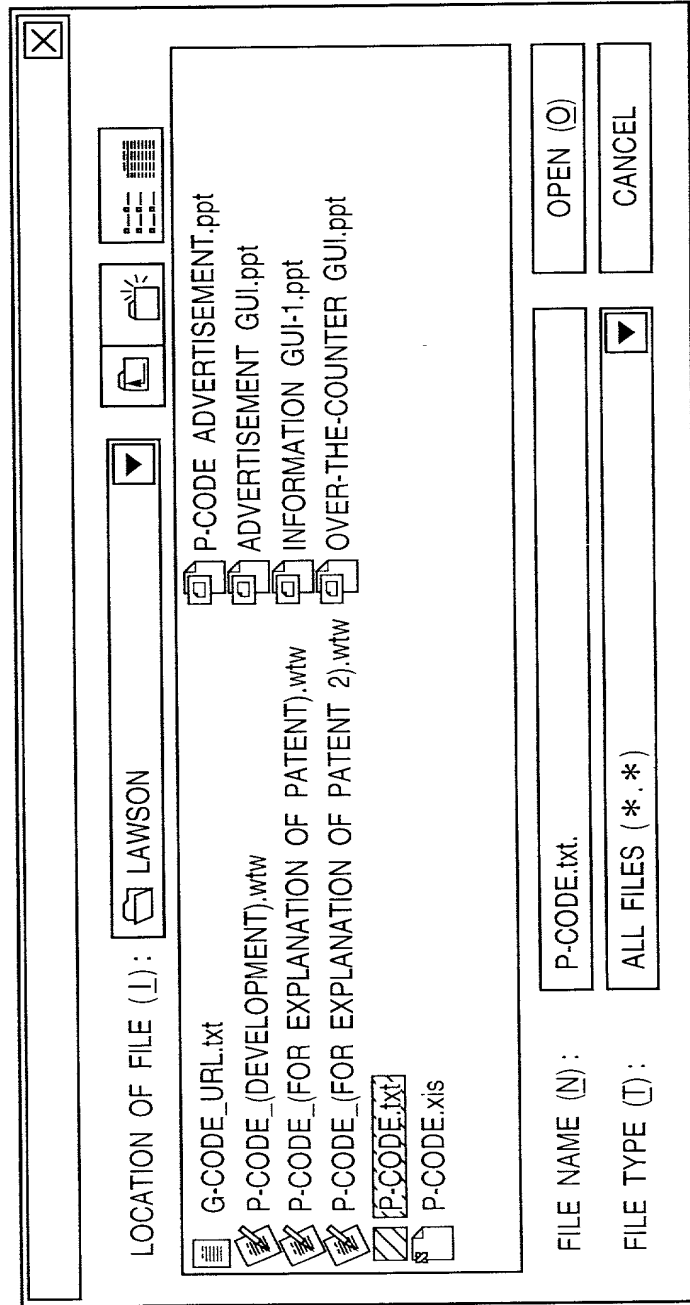


FIG. 42

PRINT PREVIEW OF TRANSFERRED INFORMATION IS
AS FOLLOWS

PICTURE

TRANSFER TO
SERVER (T)

BACK (B)

CANCEL
REGISTRATION (C)

FIG. 43

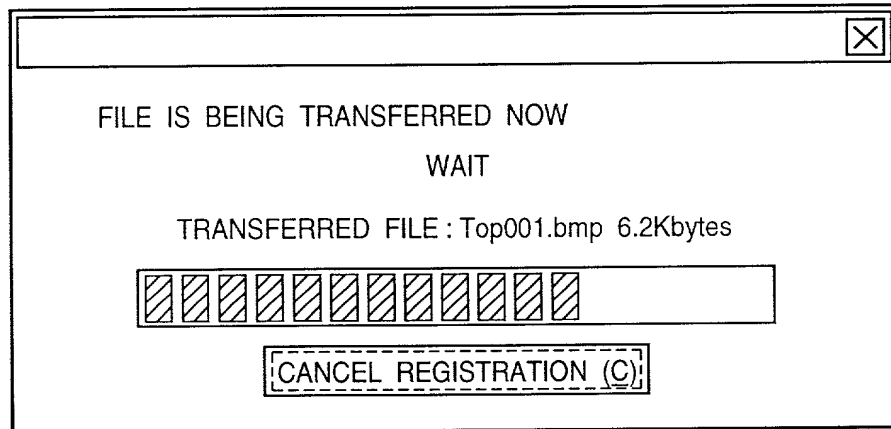


FIG. 44

SET DATE OF START OF INFORMATION INSERTION (S) APRIL 15, 1999

SET VALID DATES OF INFORMATION

☐ INDEFINITE (I)

☐ ONE WEEK (W)

☐ ONE MONTH (M)

☐ ONE YEAR (Y)

☐ DESIGNATE DATE (D) APRIL 30, 1999

☒ VALID DATES OF P-CODE IS SET INDEPENDENTLY OF THAT OF INFORMATION (F) MAY 31, 1999

NEXT (F) BACK (B) CANCEL REGISTRATION (C)

FIG. 45

A screenshot of a registration dialog box. The dialog box has a title bar with a close button (X). The main content area contains the following text:

SIZE OF INFORMATION TO BE REGISTERED IS AS FOLLOWS

TEXT	142 CHARACTERS
PRINTING IMAGE	4×6cm
OVERALL REGION OF INFORMATION	12×6cm

WILL YOU FIX INFORMATION SIZE IN LAYOUT?

☐ FIX (D)

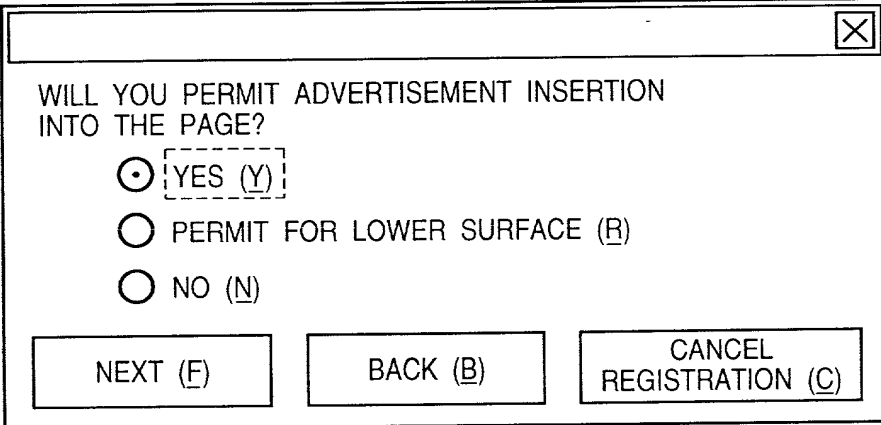
☒ ALLOW CHANGE (A)

FONT SIZE IS FROM Pt TO Pt

MAGNIFICATION OF PRINTING IMAGE IS FROM % TO %

At the bottom, there are three buttons: "NEXT (E)", "BACK (B)", and "CANCEL REGISTRATION (C)".

FIG. 46



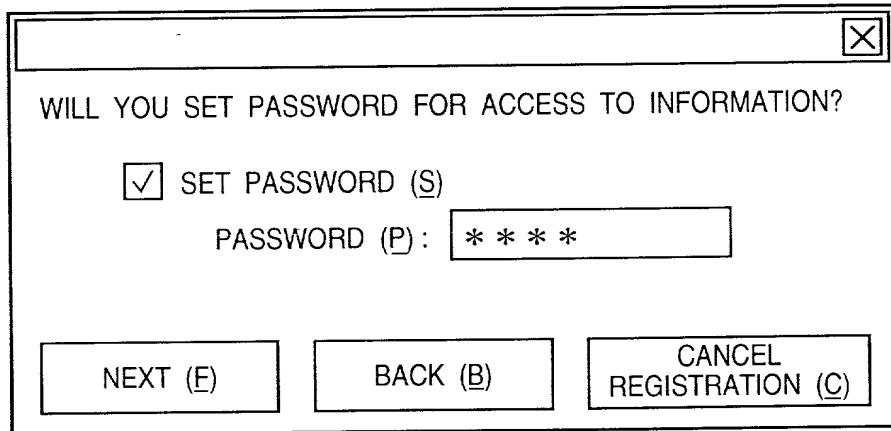
WILL YOU PERMIT ADVERTISEMENT INSERTION
INTO THE PAGE?

☒ YES (Y)

☐ PERMIT FOR LOWER SURFACE (R)

☐ NO (N)

NEXT (F) BACK (B) CANCEL
REGISTRATION (C)

FIG. 47

WILL YOU SET PASSWORD FOR ACCESS TO INFORMATION?

☒ SET PASSWORD (S)

PASSWORD (P):

NEXT (E) BACK (B) CANCEL REGISTRATION (C)

FIG. 48

A graphical user interface window with a title bar at the top containing a close button (X). The main content area displays the text "RE-INPUT PASSWORD (P) :" followed by a rectangular input field containing four asterisks "****". Below the input field, there are three rectangular buttons arranged horizontally: "REGISTER (B)", "BACK (B)", and "CANCEL REGISTRATION (C)".

FIG. 49

A screenshot of a software window titled "SELECT GENRE OF INFORMATION TO BE REGISTERED (J)". The window contains several input fields and buttons. At the top right is a close button (X). Below the title bar, there are two dropdown menus: "SPORTS" and "BASKETBALL". Below these is a text input field containing "NBA". To the right of this field are two buttons: "ADD (A)" and "DELETE (D)". Below the "NBA" field is a list box containing "GAME RESULTS" and "PERSONAL RECORDS". To the right of the list box is a vertical scrollbar. Below the list box is a checkbox labeled "NEGATIVE LINK TO ADVERTISEMENT (N)". At the bottom of the window are three buttons: "NEXT (F)", "BACK (B)", and "CANCEL REGISTRATION (C)".

SELECT GENRE OF INFORMATION TO BE REGISTERED (J)

SPORTS ▼

SELECT SUBGENRE OF INFORMATION TO BE REGISTERED (S)

BASKETBALL ▼

SET KEYWORD WHEN LINKED TO ADVERTISEMENT (K)

NBA

ADD (A)

DELETE (D)

GAME RESULTS
PERSONAL RECORDS

☐ NEGATIVE LINK TO ADVERTISEMENT (N)

NEXT (F) BACK (B) CANCEL REGISTRATION (C)

FIG. 50

SELECT GENRE OF INFORMATION TO BE REGISTERED (J)

SELEC

SPORTS

SPORTS

TRAVEL

NEWS/WEATHER FORECAST

FINANCE

HOME MEDICINE

SOCIETY INFORMATION

INFORMATION OF ADMINISTRATIVE AGENCIES

PRIZE COMPETITION

▲

▼

▲

▼

▲

▼

▲

▼

▲

▼

(S)

SET

NBA

GAME RESULTS

PERSONAL RECORDS

▲

▼

DELETE (D)

☐

NEGATIVE LINK TO ADVERTISEMENT (N)

NEXT (F)

BACK (B)

CANCEL
REGISTRATION (C)

FIG. 51

INPUT TITLE OF INFORMATION (I)

NBA FINAL

INPUT COMMENT (SUMMARY) FOR INFORMATION
TO BE REGISTERED (S)

NEXT (F)

BACK (B)

CANCEL
REGISTRATION (C)

FIG. 52A

P-CODE TO BE REGISTERED (P)

XXXX XXXX XXXX REGISTERED P-CODE LIST (L)

☐ CREATE NEW GROUP (N)

☒ ADD REGISTERED P-CODE TO EXISTING GROUP (A)

P-CODE OF GROUP TO WHICH P-CODE IS TO BE ADDED (G)

3091-2425-8769 REGISTERED GROUP LIST (I)

OK CANCEL

FIG. 52B

INPUT TITLE OF NEW GROUP (T)

GAMES OF YESTERDAY

INPUT CONTENTS OF GROUP (S)

GAME RESULTS OF YESTERDAY AND BRIEF COMMENT
AND STANDINGS

SET INFORMATION UPDATE SCHEDULE (M)

NEXT DAY OF GAME

OK CANCEL

FIG. 52C

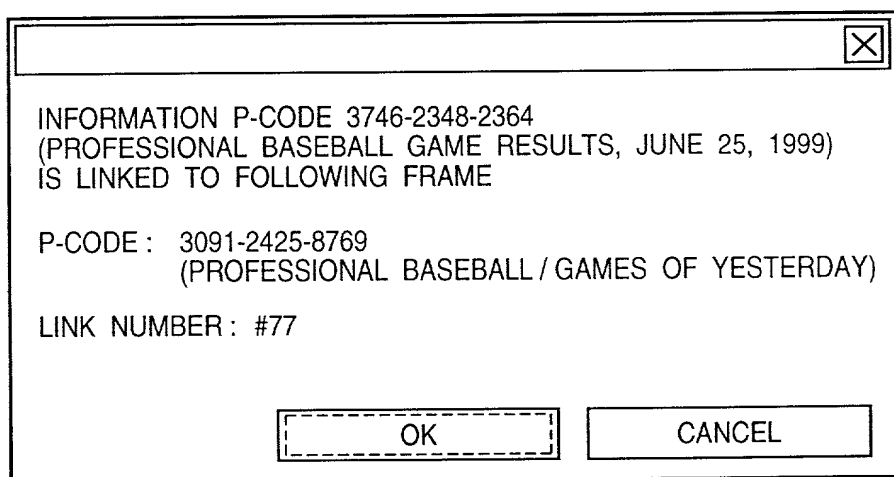


FIG. 53

FIG. 53

PRESS REGISTER BUTTON TO END REGISTRATION

REGISTERED P-CODE IS 2010-4243-26227

FOLLOWING PROPERTIES ARE REGISTERED

REGISTERED FILE NAME :	▲
Top001.txt	
Top_attachi.bmp	
VALID DATES :	
APRIL 26, 1999	
PRINTING CHARGE :	
¥ 10/Print	▼

REGISTER (R) BACK (B) CANCEL REGISTRATION (C)

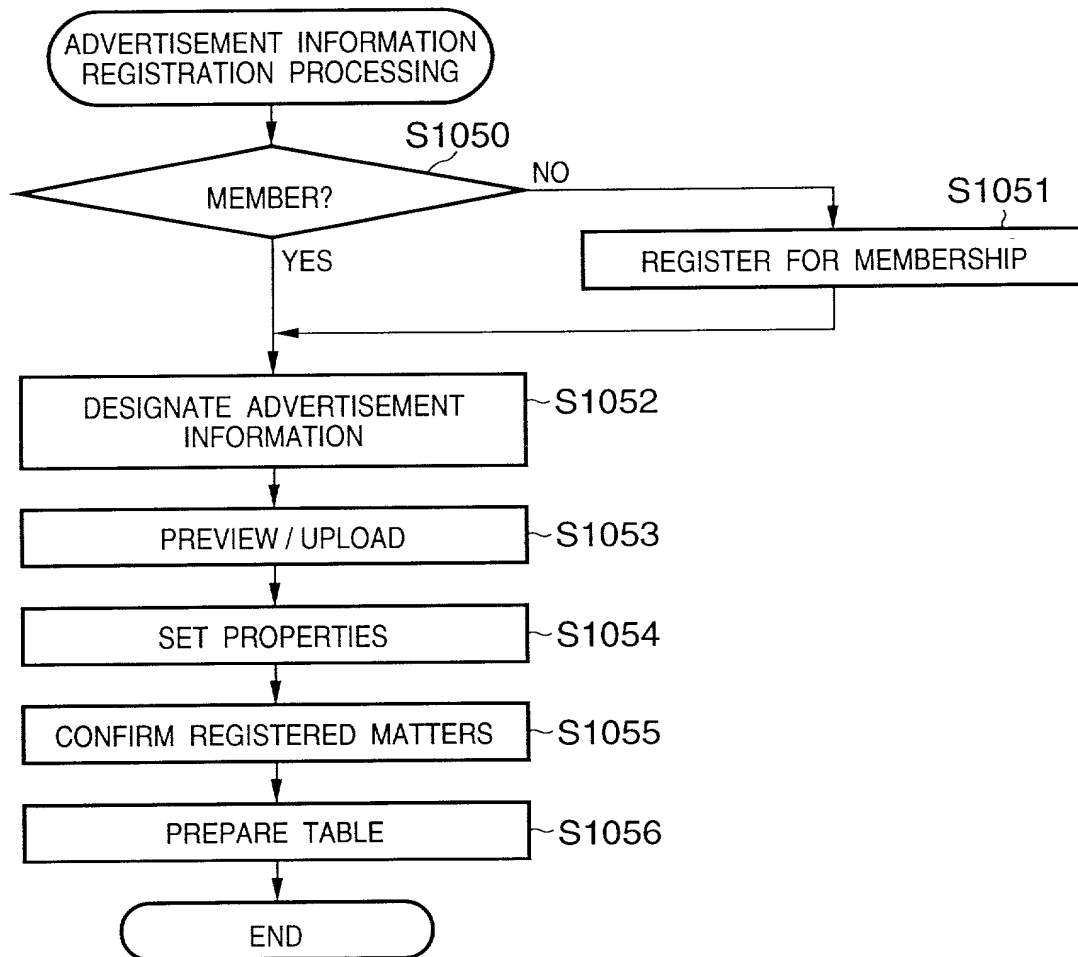
FIG. 54

FIG. 55

ADVERTISEMENT WILL BE REGISTERED

ARE YOU AN ADVERTISEMENT REGISTRATION MEMBER?

☐ YES (Y)

MEMBERSHIP NUMBER (C) :

☐ NO (N)

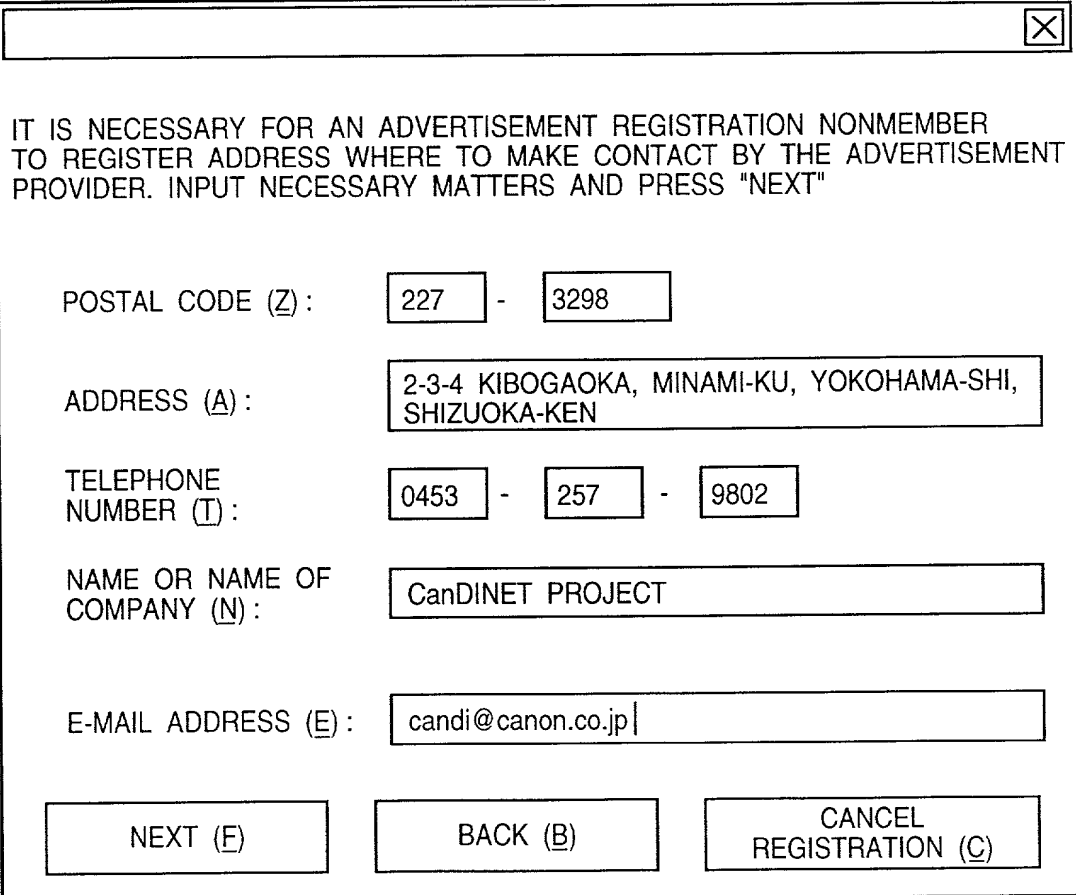
NEXT (E)

CANCEL
REGISTRATION (C)

F I G. 56

INPUT PASSWORD OF ADVERTISEMENT
REGISTRATION
MEMBER ID CA_INF_0023 (P)

NEXT (F) BACK (B) CANCEL
REGISTRATION (C)

FIG. 57

IT IS NECESSARY FOR AN ADVERTISEMENT REGISTRATION NONMEMBER TO REGISTER ADDRESS WHERE TO MAKE CONTACT BY THE ADVERTISEMENT PROVIDER. INPUT NECESSARY MATTERS AND PRESS "NEXT"

POSTAL CODE (Z) : -

ADDRESS (A) :

TELEPHONE NUMBER (T) : - -

NAME OR NAME OF COMPANY (N) :

E-MAIL ADDRESS (E) :

FIG. 58

DESIGNATE FILE TO BE REGISTERED AS ADVERTISEMENT (R)
YOU CAN DESIGNATE FILES WITH FOLLOWING EXTENSIONS
FILES WITHOUT EXTENSIONS ARE TREATED AS TEXT FILES

[txt, html, bmp, jpg, ico, tif, emf, wmf]

Bargain_sale.txt
Bargain_sale.jpg

DESIGNATE FILE (A)

DELETE (D)

NEXT (F) BACK (B) CANCEL REGISTRATION (C)

FIG. 59

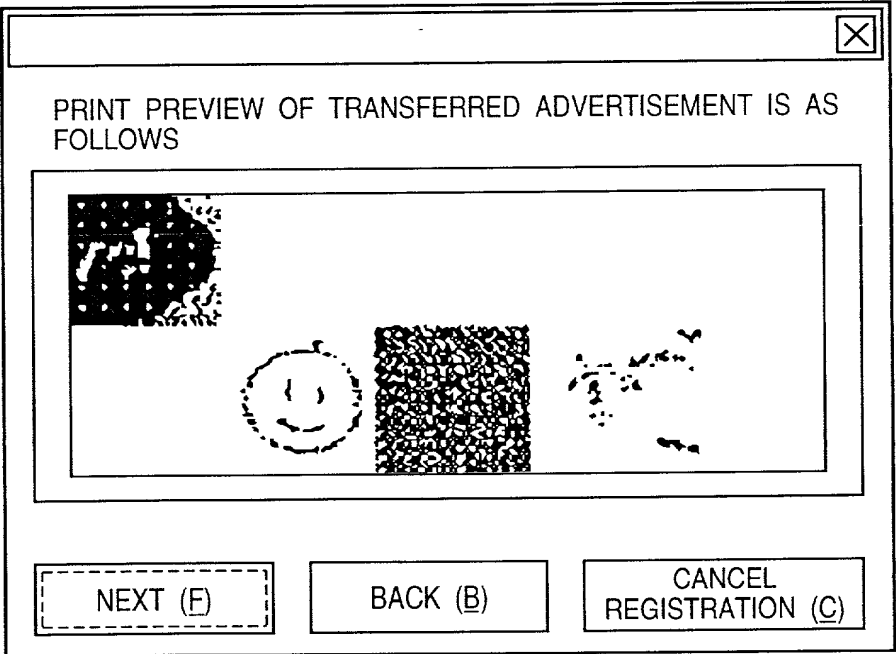


FIG. 60

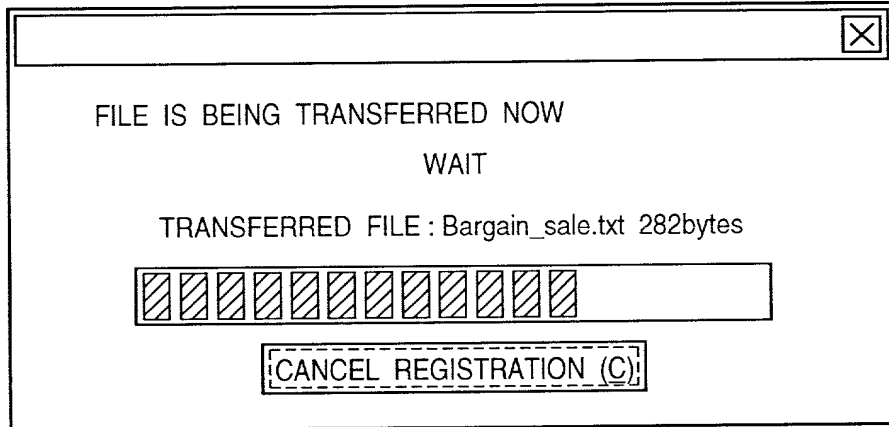


FIG. 61

A screenshot of a software dialog box with a title bar containing a close button (X). The dialog box contains the following elements:

- Text: "SET DATE OF START OF ADVERTISEMENT INSERTION (S)"
- Text input field: "MARCH 29, 1999" with a dropdown arrow on the right.
- Text: "SET VALID DATES OF ADVERTISEMENT TO BE REGISTERED"
- Radio button options:
 - ☐ INDEFINITE (I)
 - ☐ ONE WEEK (W)
 - ☐ ONE MONTH (M)
 - ☐ ONE YEAR (Y)
 - ☒ DESIGNATE DATE (D)
- Text input field: "APRIL 10, 1999" with a dropdown arrow on the right. The year "1999" is highlighted with diagonal hatching.
- Three buttons at the bottom:
 - "NEXT (F)"
 - "BACK (B)"
 - "CANCEL REGISTRATION (C)"

FIG. 62

×

SELECT LINK METHOD INFORMATION IN WHICH
ADVERTISEMENT IS TO BE INSERTED

☐ REGION

AGE GROUP

SEX

SET KEYWORD

DESIGNATE INFORMATION

▲

▼

SET DETAILS (D)

NEXT (F)

BACK (B)

CANCEL
REGISTRATION (C)

FIG. 63

YOU CAN DO FOLLOWING DESIGNATION TO LIMIT REGION

- ☒ LIMIT IN UNITS OF METROPOLIS AND DISTRICTS
OR CITIES, TOWNS, AND VILLAGES (P)
- ☐ DESIGNATE SHOP TO PRINT (S)
- ☐ DESIGNATE ADDRESS AND RANGE THEREFROM (R)
- ☐ DESIGNATE RANGE ON MAP (M)

SET DETAILS (D)

NEXT (F) BACK (B) CANCEL
REGISTRATION (C)

FIG. 64

A screenshot of a software dialog box titled "ADVERTISEMENT SIZE CALCULATED FROM TRANSFERRED FILE IS AS FOLLOWS". The dialog box contains the following information and controls:

- TEXT**: 142 CHARACTERS
- PRINTING IMAGE**: 4×6cm
- OVERALL REGION OF ADVERTISEMENT**: 12×6cm
- SELECT PRINTING SIZE OF ADVERTISEMENT TO BE REGISTERED (S)**:
 - A dropdown menu showing "L SIZE 6cm×12cm" with a downward arrow.
 - ☐ PORTRAIT (P)
 - ☒ LANDSCAPE (L)
- ADJUSTMENT OF ADVERTISEMENT SIZE**:
 - ☒ ENLARGE / REDUCE REGISTERED DATA TO FIT ADVERTISEMENT TO PRINTING SIZE (A)
 - ☐ PRINT ADVERTISEMENT AT THE CENTER WITHOUT ANY CHANGE IN SIZE OF REGISTERED DATA (R)
- Buttons**:
 - NEXT (F)
 - BACK (B)
 - CANCEL REGISTRATION (C)

FIG. 65

ADVERTISEMENT SIZE CALCULATED FROM
TRANSFERRED FILE IS AS FOLLOWS

TEXT 142 CHARACTERS

PRINTING IMAGE 4×6cm

OVERALL REGION OF ADVERTISEMENT 12×6cm

SELECT PRINTING SIZE OF ADVERTISEMENT TO BE
REGISTERED (S)

L SIZE (6cm×12cm)	▼	<input type="radio"/> PORTRAIT (P)
B5 SIZE	▲	<input type="radio"/> LANDSCAPE (L)
B6 SIZE		
L SIZE (6cm×12cm)		
M SIZE (4cm×8cm)		
S SIZE (2cm×5cm)		
POSTCARD SIZE	▼	

REGISTERED DATA TO FIT
ADVERTISEMENT TO PRINTING SIZE (A)

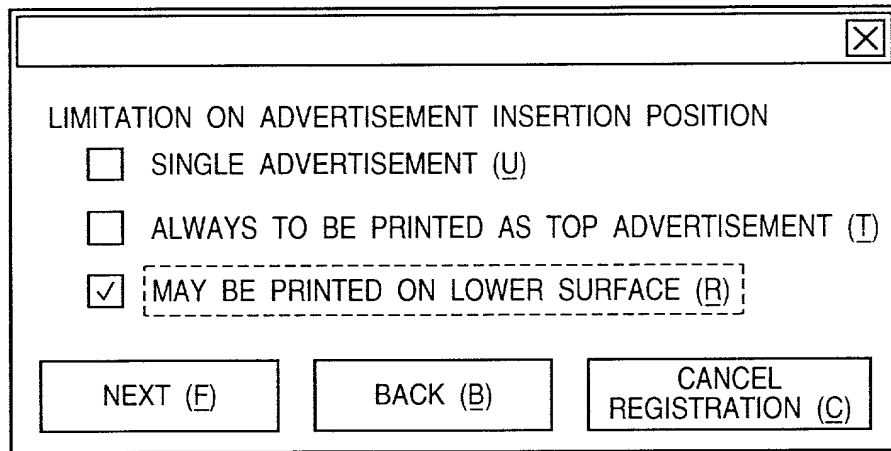
☐ PRINT ADVERTISEMENT AT THE CENTER WITHOUT
ANY CHANGE IN SIZE OF REGISTERED DATA (R)

NEXT (F)

BACK (B)

CANCEL
REGISTRATION (C)

FIG. 66



LIMITATION ON ADVERTISEMENT INSERTION POSITION

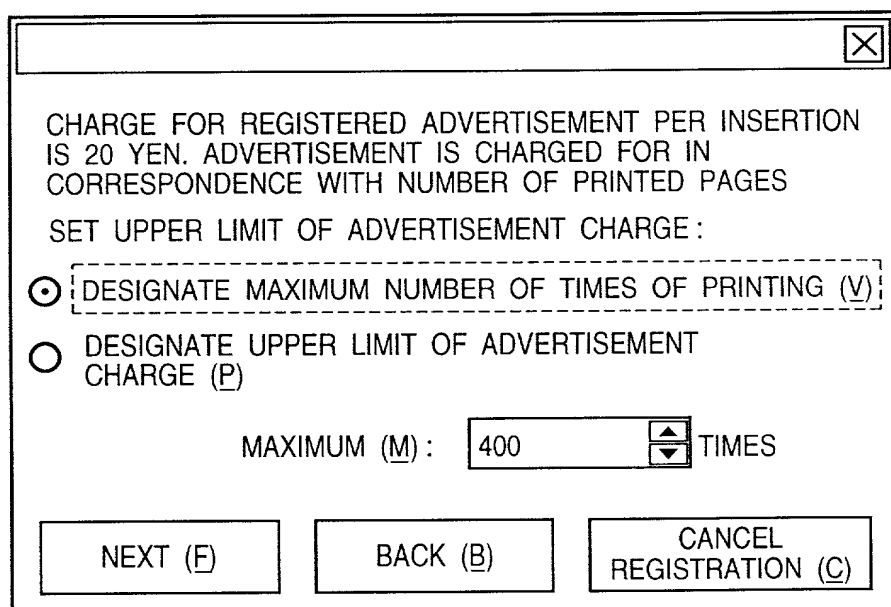
☐ SINGLE ADVERTISEMENT (U)

☐ ALWAYS TO BE PRINTED AS TOP ADVERTISEMENT (I)

☒ MAY BE PRINTED ON LOWER SURFACE (R)

NEXT (F) BACK (B) CANCEL
REGISTRATION (C)

FIG. 67



A screenshot of a registration dialog box. The dialog box has a title bar with a close button (X) in the top right corner. The main text area contains the following information:

- CHARGE FOR REGISTERED ADVERTISEMENT PER INSERTION IS 20 YEN. ADVERTISEMENT IS CHARGED FOR IN CORRESPONDENCE WITH NUMBER OF PRINTED PAGES
- SET UPPER LIMIT OF ADVERTISEMENT CHARGE :
- Two radio buttons for selection:
 - The first radio button is selected (indicated by a dot). It is followed by a dashed rectangular box containing the text "DESIGNATE MAXIMUM NUMBER OF TIMES OF PRINTING (V)".
 - The second radio button is unselected. It is followed by the text "DESIGNATE UPPER LIMIT OF ADVERTISEMENT CHARGE (P)".
- Below the radio buttons, the text "MAXIMUM (M) :" is followed by a text input field containing the number "400". To the right of the input field is a small square button with up and down arrows, and the word "TIMES" to its right.
- At the bottom of the dialog box, there are three buttons arranged horizontally:
 - "NEXT (F)"
 - "BACK (B)"
 - "CANCEL REGISTRATION (C)"

FIG. 68

PRESS REGISTER BUTTON TO END REGISTRATION

FOLLOWING PROPERTIES ARE REGISTERED

REGISTERED FILE NAME :
Bargain_sale.txt
Bargain_sale.jpg

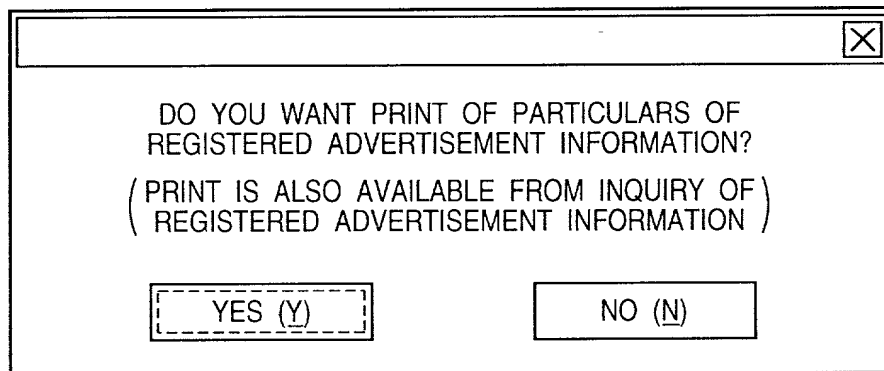
VALID DATES :
FROM MARCH 29, 1999 TO APRIL 10, 1999

LINK RULE TO INFORMATION
REGION
DESIGNATE CITIES, TOWNS, AND VILLAGES,
KITA-KU, KAWASAKI-SHI

KEYWORD
EATING AND DRINKING, RESTAURANT,
CHINESE, DISCOUNT, TASTY

REGISTER (R) BACK (B) CANCEL
REGISTRATION (C)

FIG. 69



DO YOU WANT PRINT OF PARTICULARS OF
REGISTERED ADVERTISEMENT INFORMATION?

(PRINT IS ALSO AVAILABLE FROM INQUIRY OF
REGISTERED ADVERTISEMENT INFORMATION)

YES (Y) NO (N)

FIG. 70

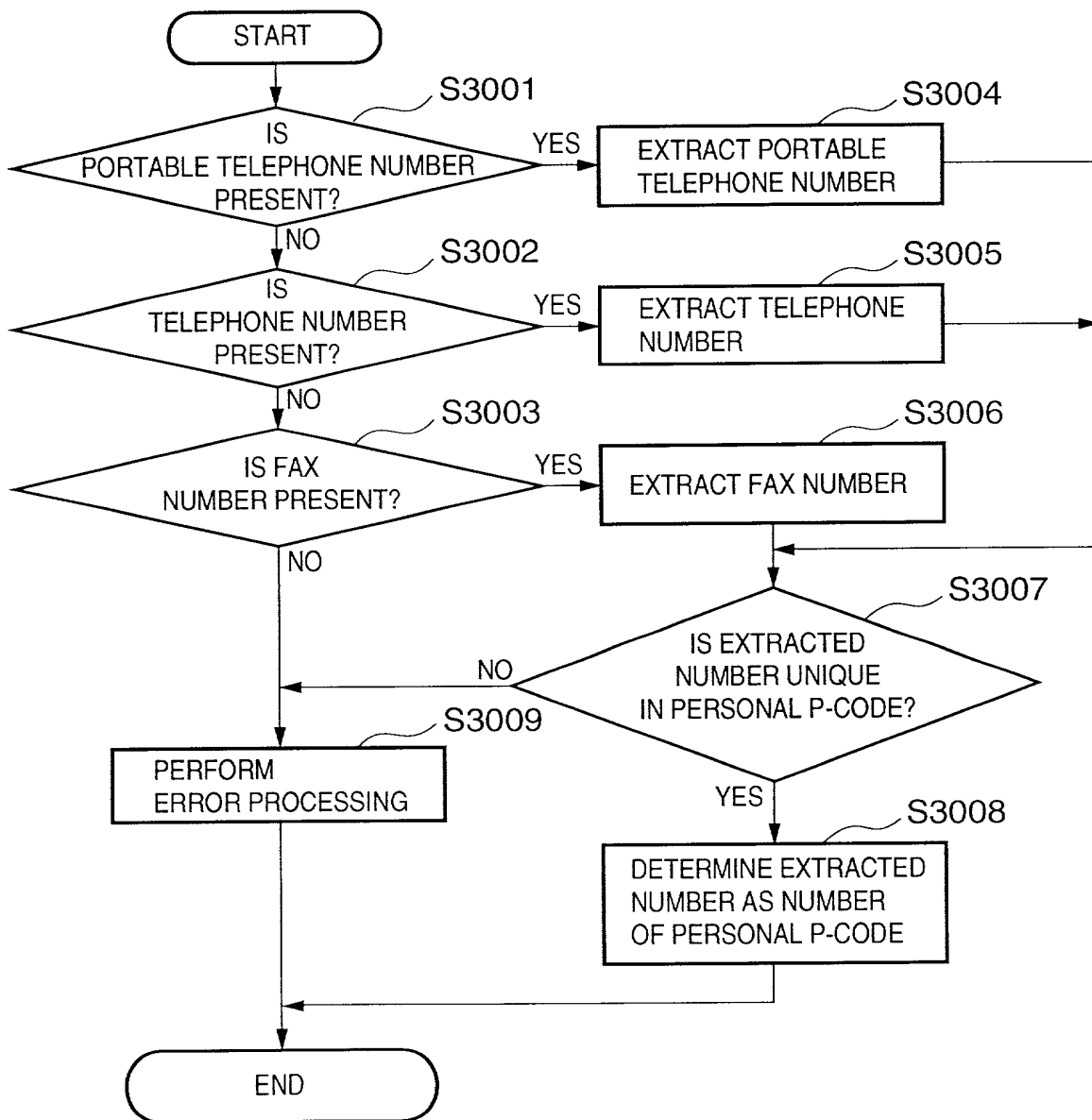


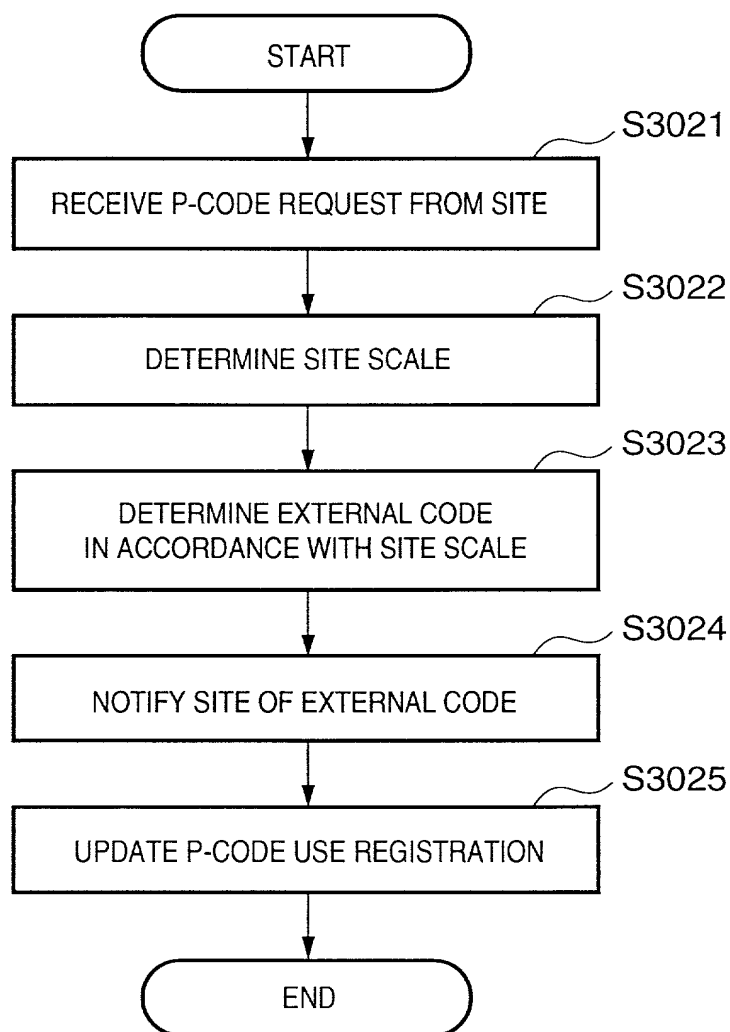
FIG. 71

FIG. 72

SCALE	EXTERNAL CODE	URL
MINIMAL SCALE		
SMALL SCALE		
MEDIUM SCALE		
LARGE SCALE		
MAXIMUM SCALE		

FIG. 73

P-CODE (NUMBER SECTION = EXTERNAL CODE + INTERNAL CODE)	VALID DATES OF CODE

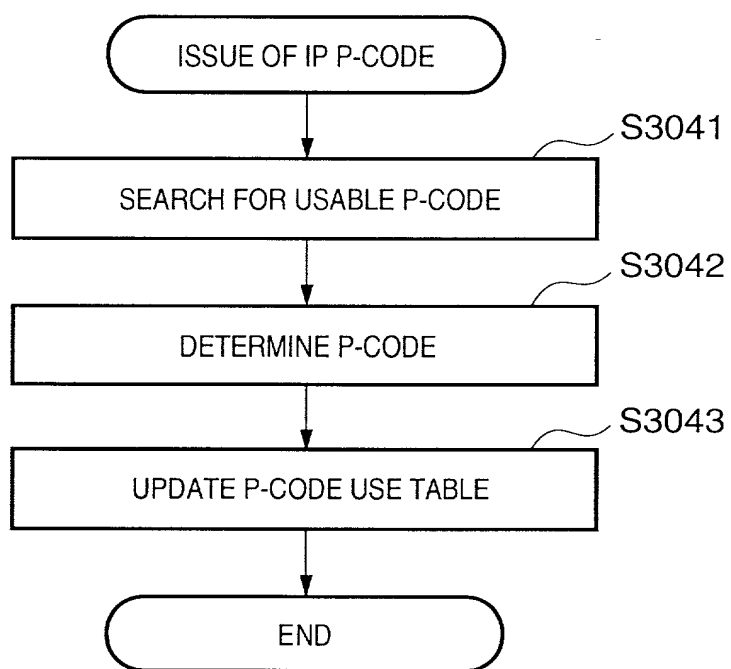
FIG. 74

FIG. 75

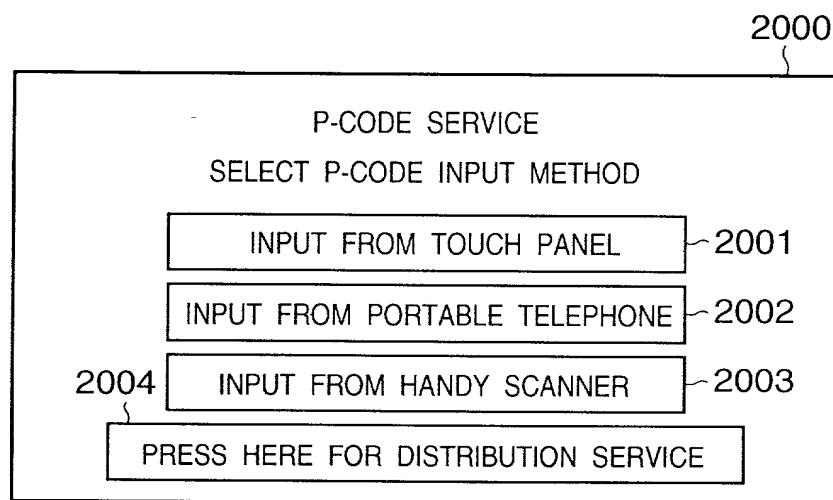


FIG. 76

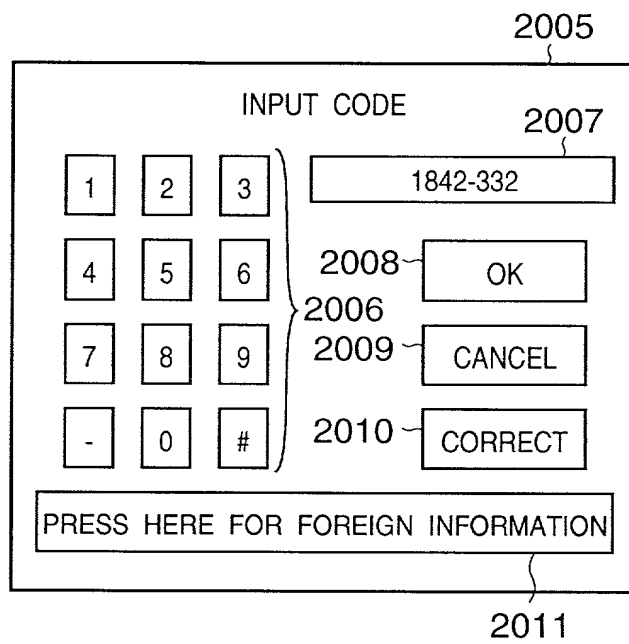


FIG. 77

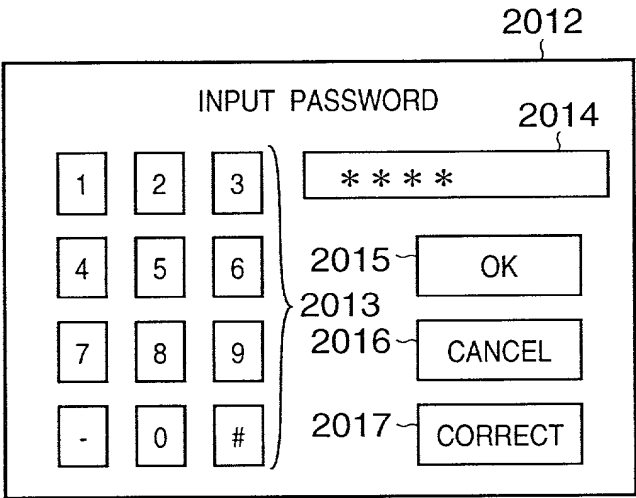


FIG. 78

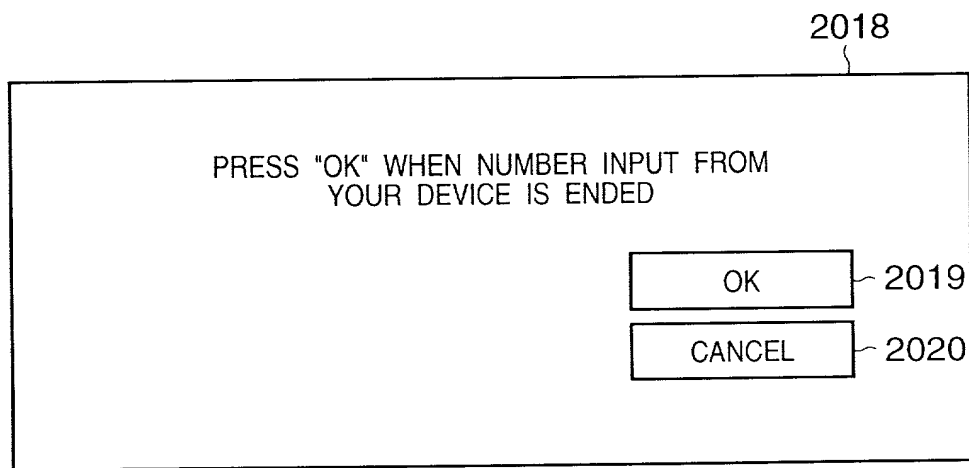


FIG. 79

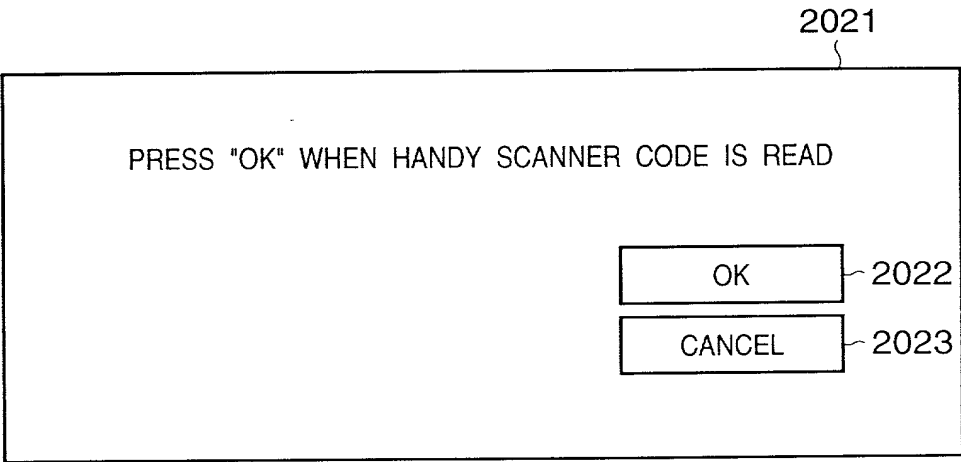


FIG. 80

2025

2026

2027

2027a

2027b

2027c

2028

2028a

2029

2030

2031

2032

FOLLOWING ITEMS ARE TO BE PRINTED

INPUT ANOTHER P-CODE

P-CODE	TITLE (CONTENTS)	NUMBER OF PAGES	CHARGE	PRINTING
1842-2417	NFL GAME RESULTS	1	70	<div>COLOR</div> MONOCHROME NO
1842-2450	ODDS AND OUR TIP ON EMPEROR PRIZE	1	70	<div>COLOR</div> MONOCHROME NO

CURRENT NUMBER OF PAGES TO PRINT IS 2,
AND CHARGE IS 140 YEN.
ADVERTISEMENT INSERTION DISCOUNTS 0 YEN

SET ADVERTISEMENT

DISPLAY PRINT PREVIEW

PRINT

CANCEL

FIG. 81

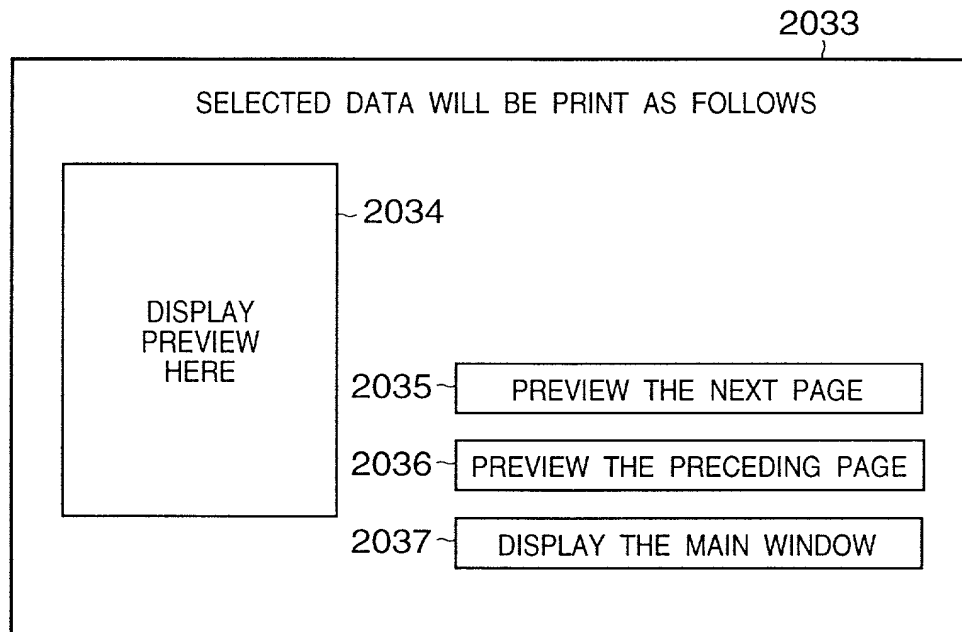


FIG. 82

2038

PRINTING OF ADVERTISEMENT

ADVERTISER BEARS PRINTING CHARGE FOR YOU
WHEN ADVERTISEMENT IS PRINTED

PRINT IN FREE SPACE OF ARTICLE	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	} 2039
PRINT ON LOWER SURFACE	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
PRINT ANOTHER PAGE	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	

2040	2041
<input type="button" value="OK"/>	<input type="button" value="CANCEL"/>

FIG. 83

2042

MAIL BOX HAS FOLLOWING MAIL MESSAGE

2043

2044

2045

2046

2047

2048

2049

2050

2051

2052

SURFIX	SUBJECT (CONTENTS)	FROM (SENDER)	NUMBER OF PAGES	PRINT
#1	NEW YEAR PARTY	takaha@cse.canon	1	<input checked="" type="checkbox"/> COLOR <input type="checkbox"/> MONOCHROME <input type="checkbox"/> NO
#2	ABOUT SENDING OF DB EXAMINATION CONFERENCE REPORT	itoh@ccsi.dumnet	2	<input checked="" type="checkbox"/> COLOR <input type="checkbox"/> MONOCHROME <input type="checkbox"/> NO
#3	Re : DO YOU KNOW?	nishida@ykk.com	1	<input checked="" type="checkbox"/> COLOR <input type="checkbox"/> MONOCHROME <input checked="" type="checkbox"/> NO

2 MAIL MESSAGES ARE SELECTED. CURRENT NUMBER OF PAGES TO PRINT IS 3.

2046a

2046b

2046c

PRINT ALL

DISPLAY PRECEDING LIST

DISPLAY NEXT LIST

PRINT PREVIEW

SET OPTIONS

PRINT

BACK

CANCEL

FIG. 84A

2053

MAIL PRINTING OPTIONS

YOU CAN SELECT FOLLOWING OPTIONS

PRINT MAIL MESSAGES
CONTINUOUSLY ONE SHEET

YES

NO

DENSELY PRINT WITH
SMALLEST LETTERS

YES

NO

2054

2055

2056

OK

CANCEL

FIG. 84B

BASIC FLOW (1) OF RECEPTION SERVICE

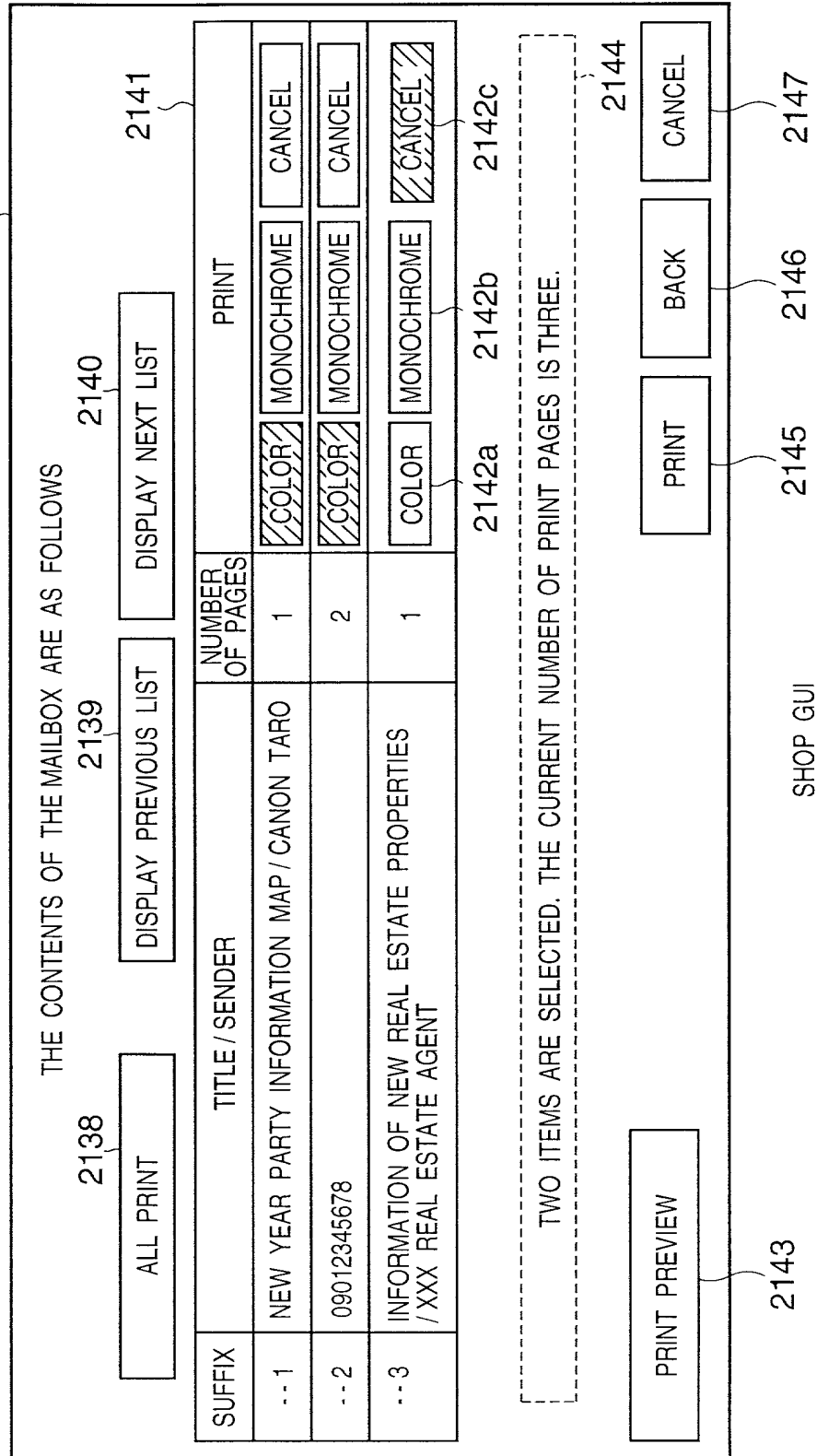


FIG. 85

2057

2058

REGISTERED FRAME IS AS FOLLOWS

2059

2060 2061

PRINT ALL

DISPLAY PRECEDING LIST

DISPLAY NEXT LIST

SUFFIX	CONTENTS	NUMBER OF PAGES	PRINT
#1	CATCH INFORMATION / TOMORROW'S WEATHER / INFORMATION OF FISHING BOAT RESERVATION IN NISHI-IZU	1	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
#2	SINGLE CD RANKING / ALBUM RANKING / NEW RELEASE INFORMATION	3	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
#3	SCORE SHEET OF GRAND SUMO TOURNAMENT / PROFESSIONAL BASEBALL GAME RESULTS OF YESTERDAY	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

2061a 2061b

2 PIECES OF INFORMATION ARE SELECTED. CURRENT NUMBER OF PAGES TO PRINT IS 4.

2062

2063

2064

2065

2066

2067

REGISTER / CHANGE INFORMATION

PRINT PREVIEW

PRINT

BACK

CANCEL

FIG. 86

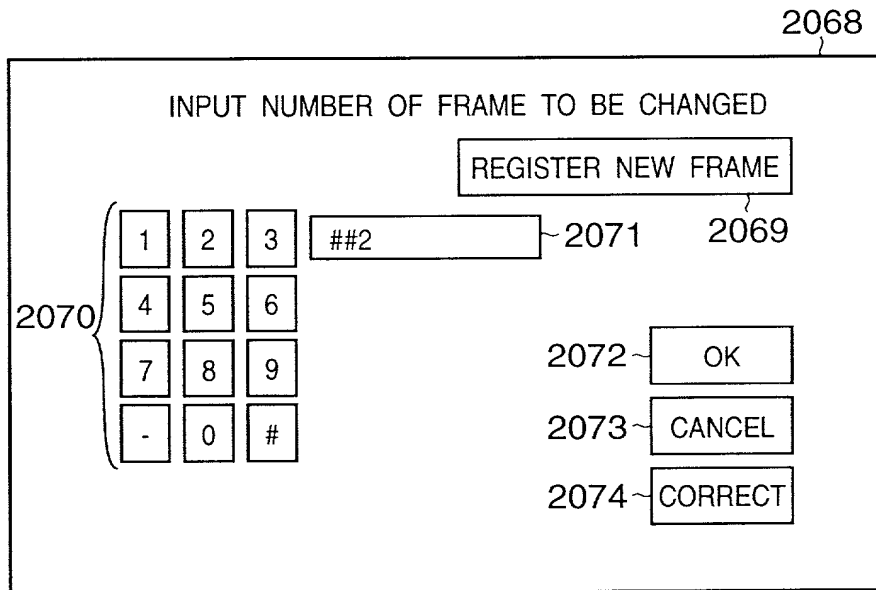


FIG. 87

The diagram illustrates a registered frame #2 structure. At the top, a bracket labeled 2075 spans the entire frame. Below this, the text "REGISTERED FRAME #2 HAS FOLLOWING CONTENTS" is centered. To the left of this text, a bracket labeled 2076 groups two rectangular boxes: "DISPLAY PRECEDING LIST" and "DISPLAY NEXT LIST". To the right, a bracket labeled 2077 groups the text "2077 2078".

The main content is a table with three columns: "P-CODE", "CONTENTS", and "REGISTER".

P-CODE	CONTENTS	REGISTER
6982-9243-2311	SINGLE CD RANKING	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
6982-9243-2302	ALBUM RANKING	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
6990-0238-3765	NEW RELEASE INFORMATION	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Below the table, a bracket labeled 2078a groups the text "2078a 2078b".

At the bottom, a large rectangular box labeled 2079 contains the text "ADD NEW P-CODE". To the right of this box, a bracket labeled 2079 groups three buttons: "OK", "BACK", and "CANCEL". Above these buttons are labels 2080, 2081, and 2082 respectively.

FIG. 88

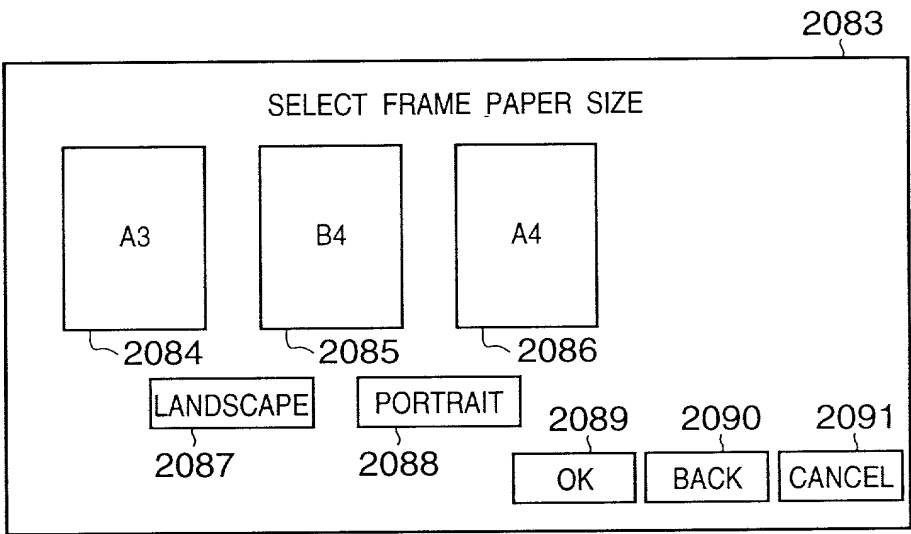


FIG. 89A

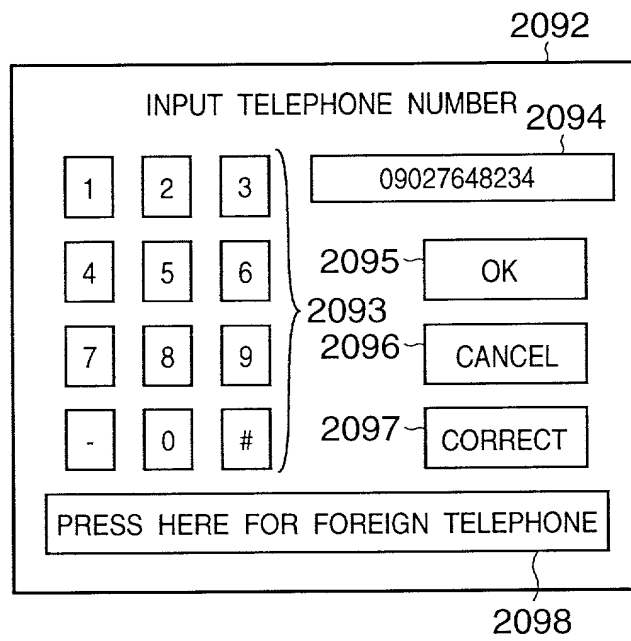


FIG. 89B

2304

PLEASE INPUT THE P-CODE OF THE TRANSMISSION DESTINATION

1	2	3
4	5	6
7	8	9
-	0	#

2305

09027648234 - - 2

2306

2307 OK

2308 CANCEL

2309 CORRECT

PLEASE PRESS THIS BUTTON
FOR DATA TO BE TRANSMITTED ABROAD

2310

FIG. 90

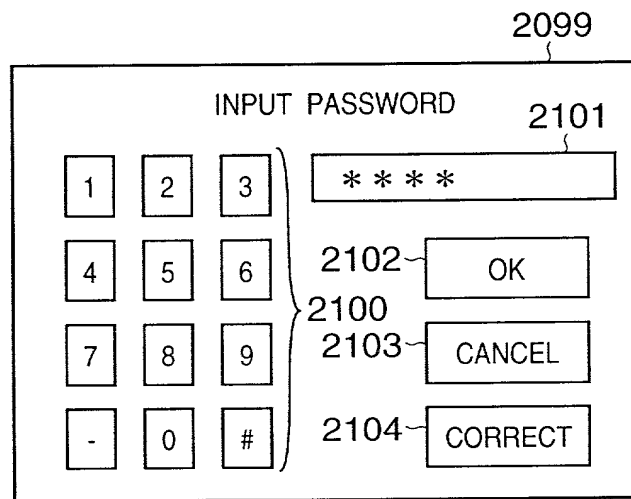


FIG. 91A

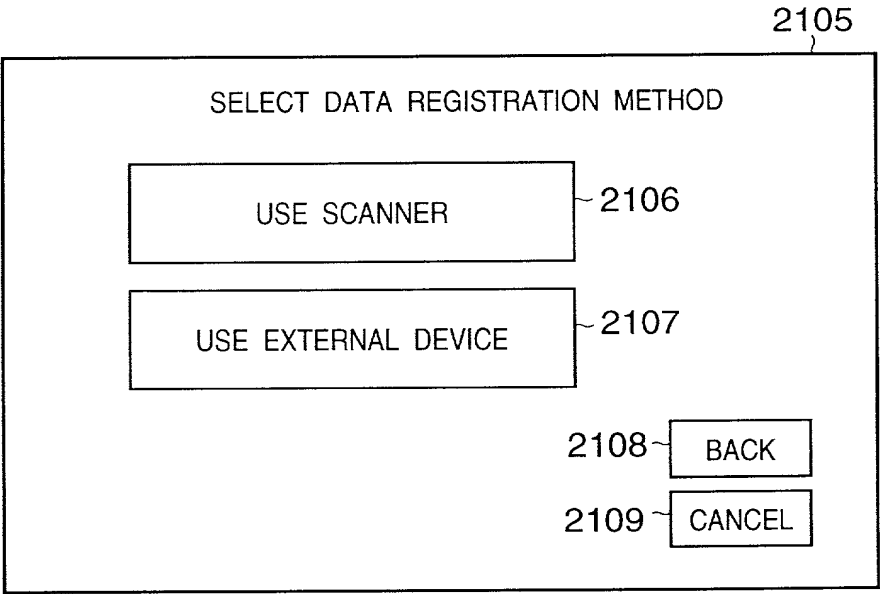


FIG. 91B

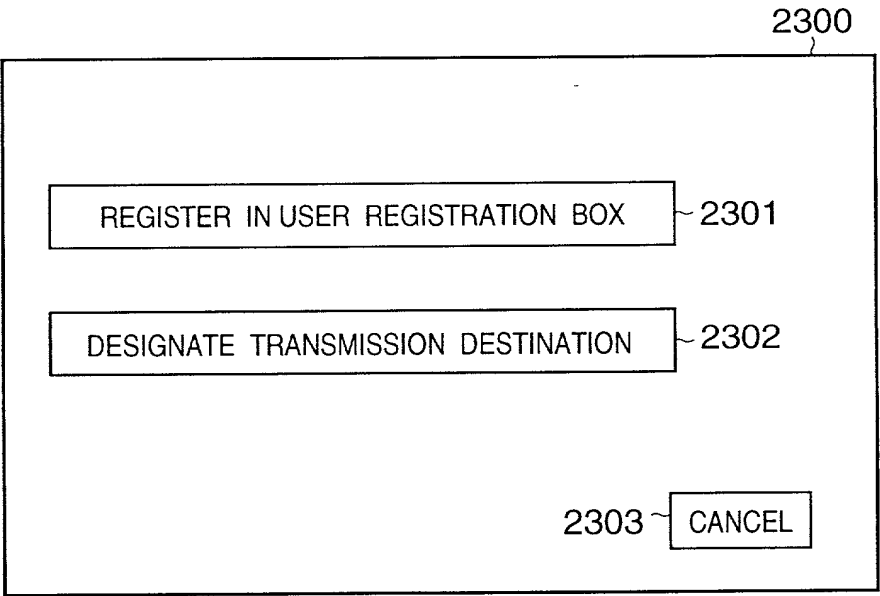


FIG. 92

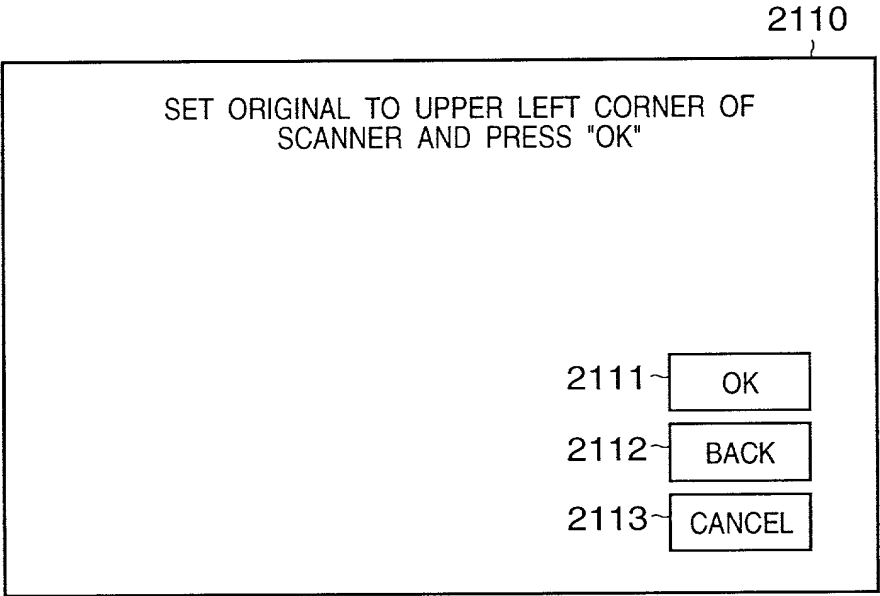


FIG. 93

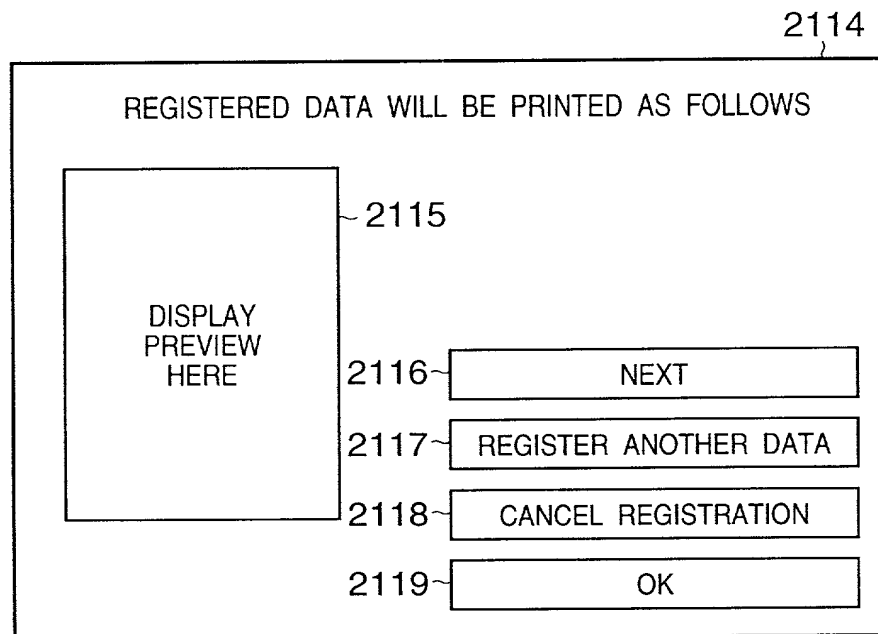


FIG. 94A

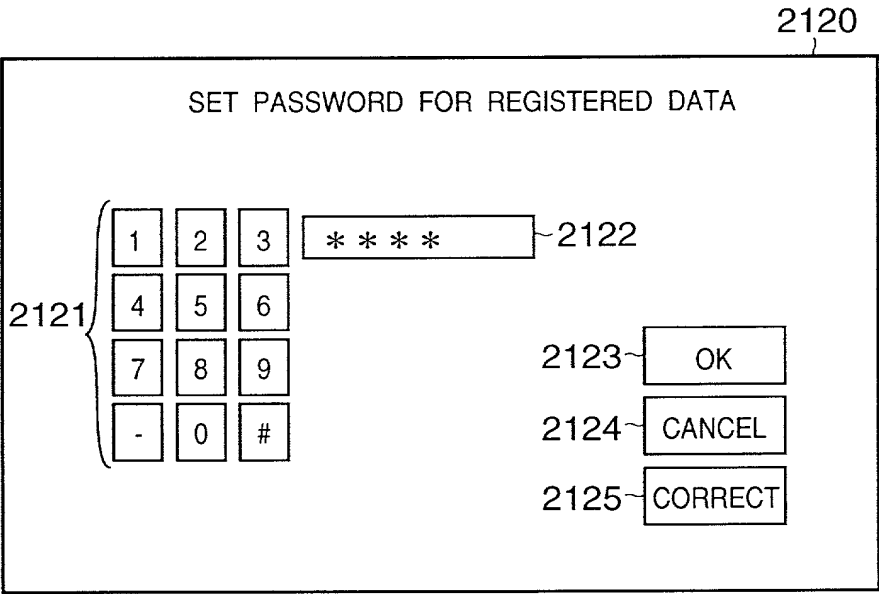


FIG. 94B

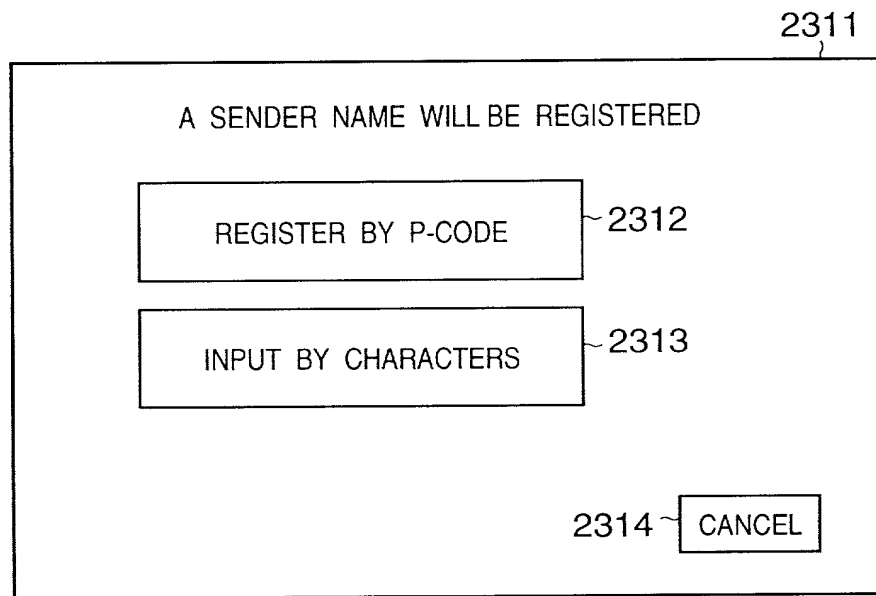


FIG. 94C

2315

SENDER NAME : 2316

2317

ア	ワ	ラ	ヤ	マ	ハ	ナ	タ	サ	カ	ア
イ	ヲ	リ	ユ	ミ	ヒ	ニ	チ	シ	キ	イ
ウ	ン	ル	ヨ	ム	フ	ヌ	ツ	ス	ク	ウ
エ	ー	レ	・	メ	ヘ	ネ	テ	セ	ケ	エ
オ	ッ	ロ	。	モ	ホ	ノ	ト	ソ	コ	オ

ALPHANUMERICS

2318

OK

2319

BACK

2320

CANCEL

ALL CLEAR

DELETE ONE CHARACTER

SPACE

FIG. 95

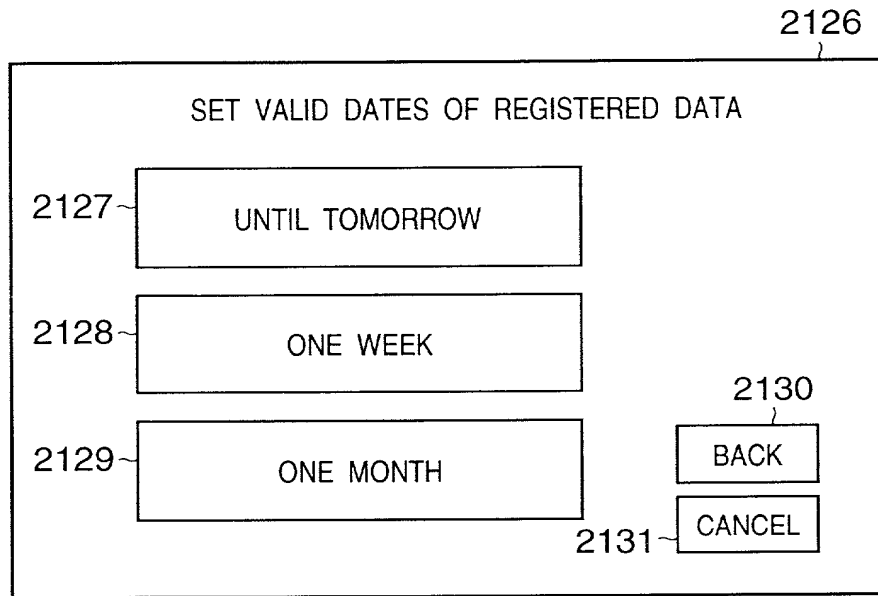


FIG. 96A

2132

FOLLOWING DATA IS RECEIVED.
PRESS "OK" TO PRINT PARTICULARS

2133

REGISTERED P-CODE	09027648234-4
DATA PASSWORD	* * * *
REGISTERED DATA	IMAGE 480 KBytes
VALID DATES	ONE WEEK (UNTIL APRIL 10)

2134

OK

2135

2136

CANCEL

FIG. 96B

2321

THE TRANSMITTED DATA ARE AS FOLLOWS.
DETAILS WILL BE PRINTED BY PRESSING THE "OK" BUTTON.

2322

REGISTERED P-CODE	09027584321--2
REGISTERED DATA	760K-BYTE IMAGE
VALID TERM	ONE WEEK (UP TO APRIL, 10)
SENDER	キヤノ

THE REGISTRATION & TRANSMISSION CHARGE IS ¥80 FOR TWO PAGES

OK	BACK	CANCEL
2323	2324	2325

FIG. 97

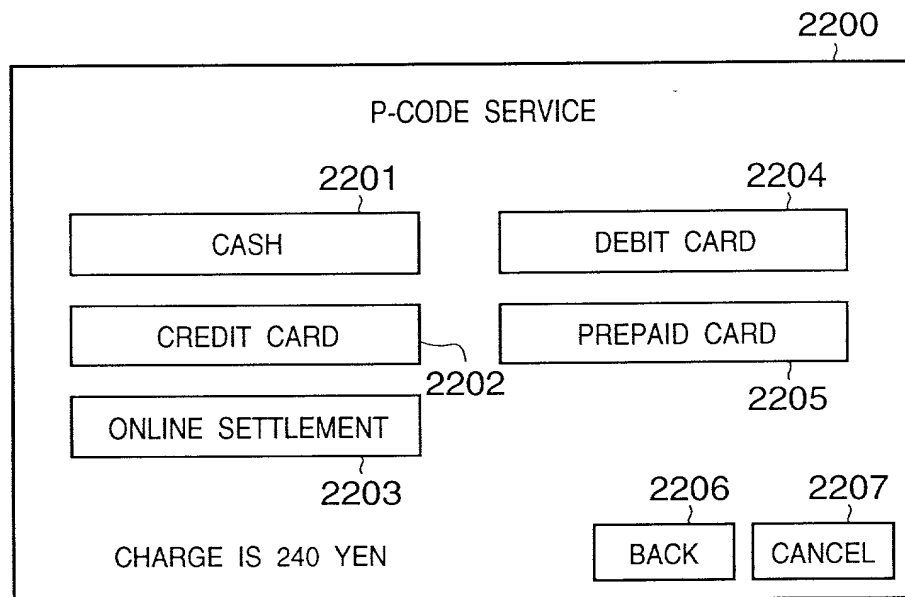


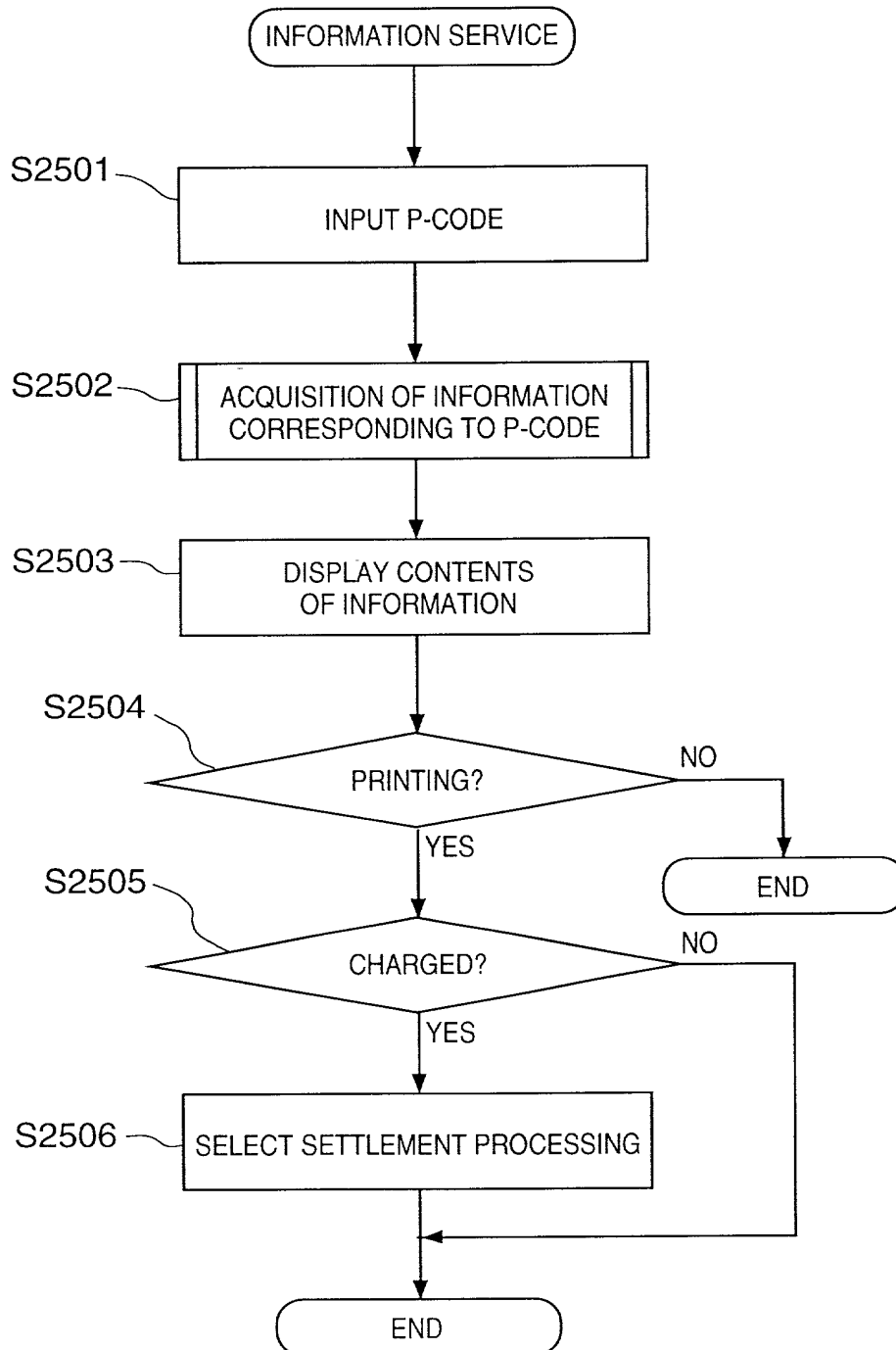
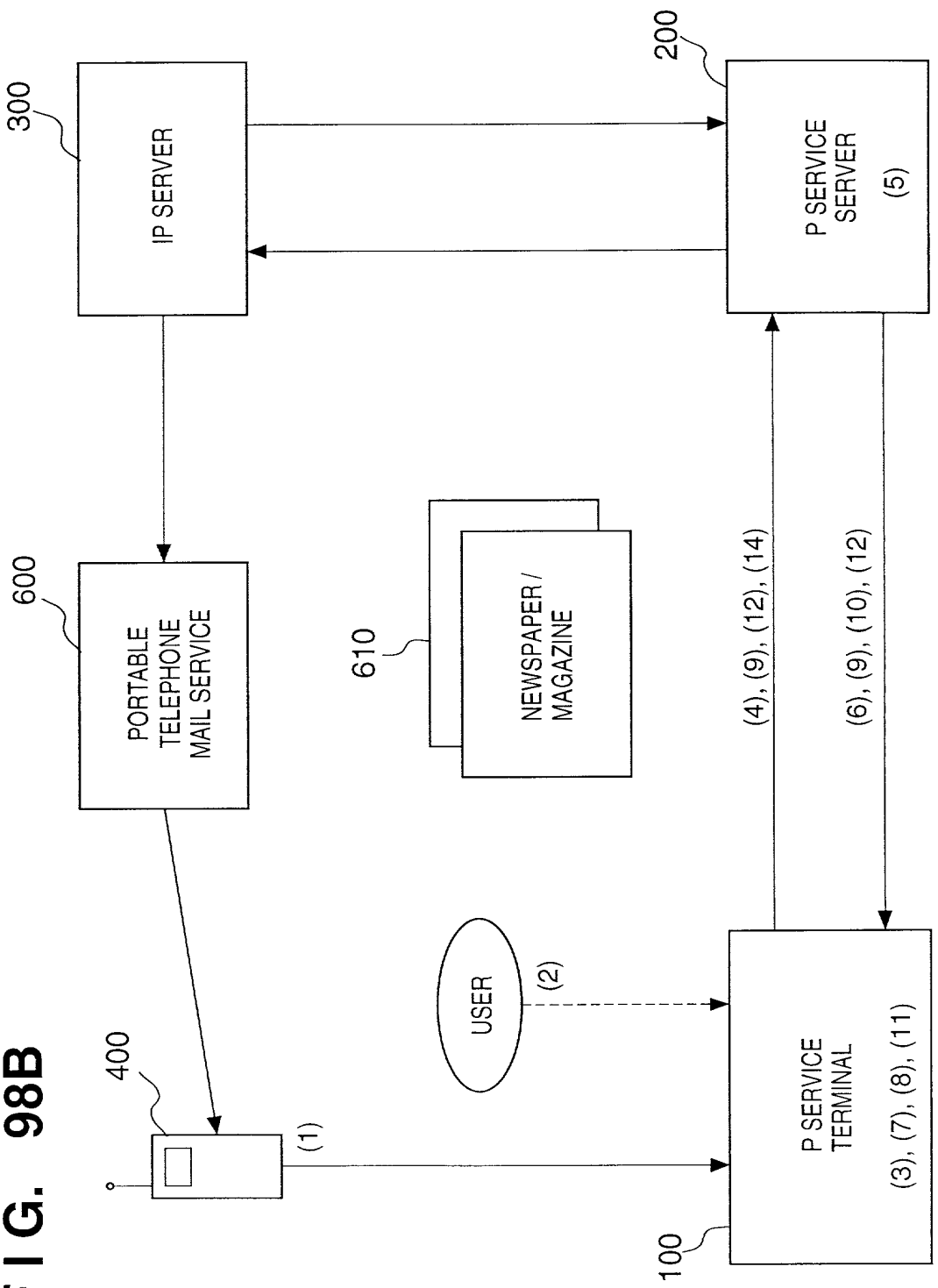
FIG. 98A

FIG. 98B is a block diagram of a system architecture for a portable telephone mail service.

FIG. 98B



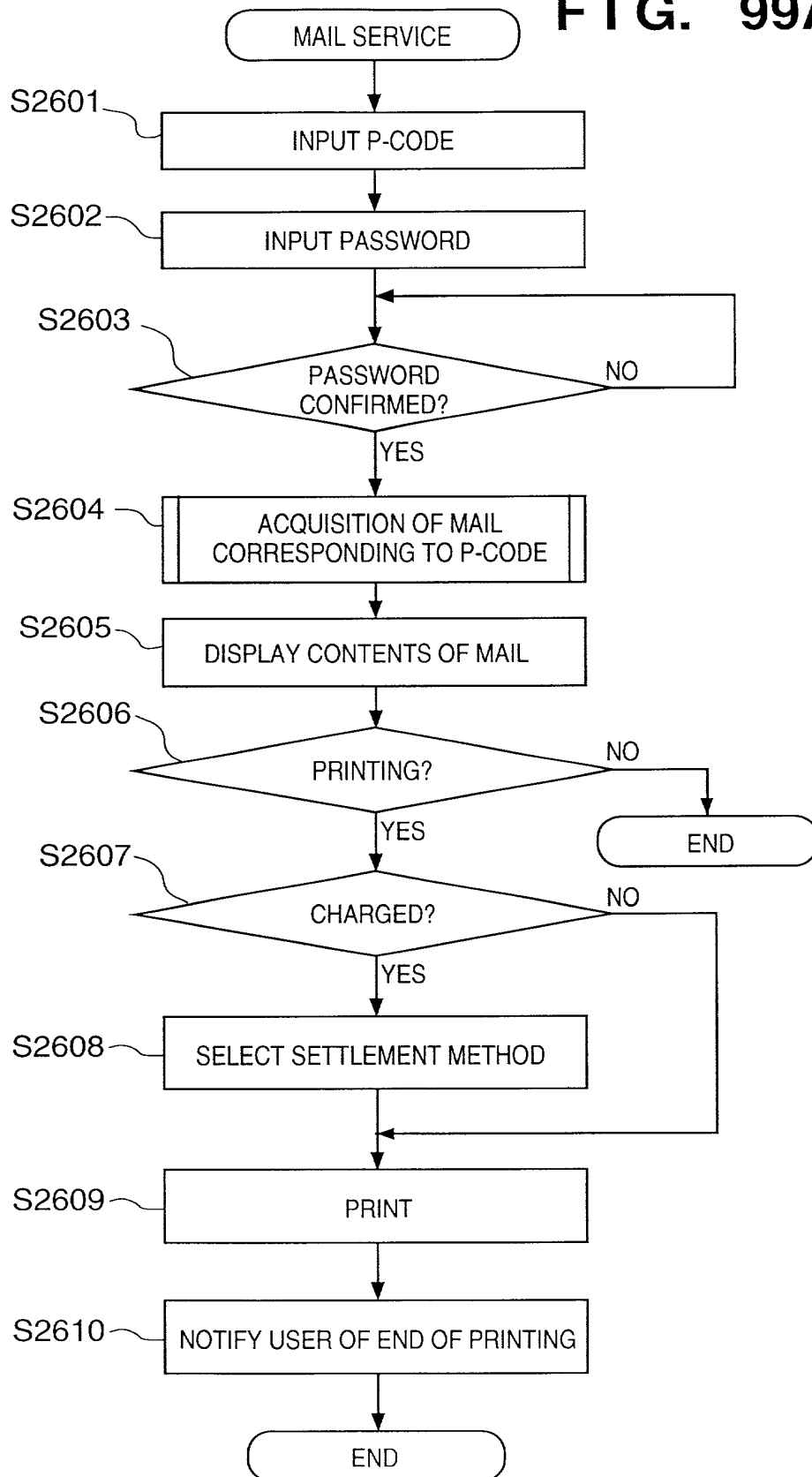


FIG. 99B

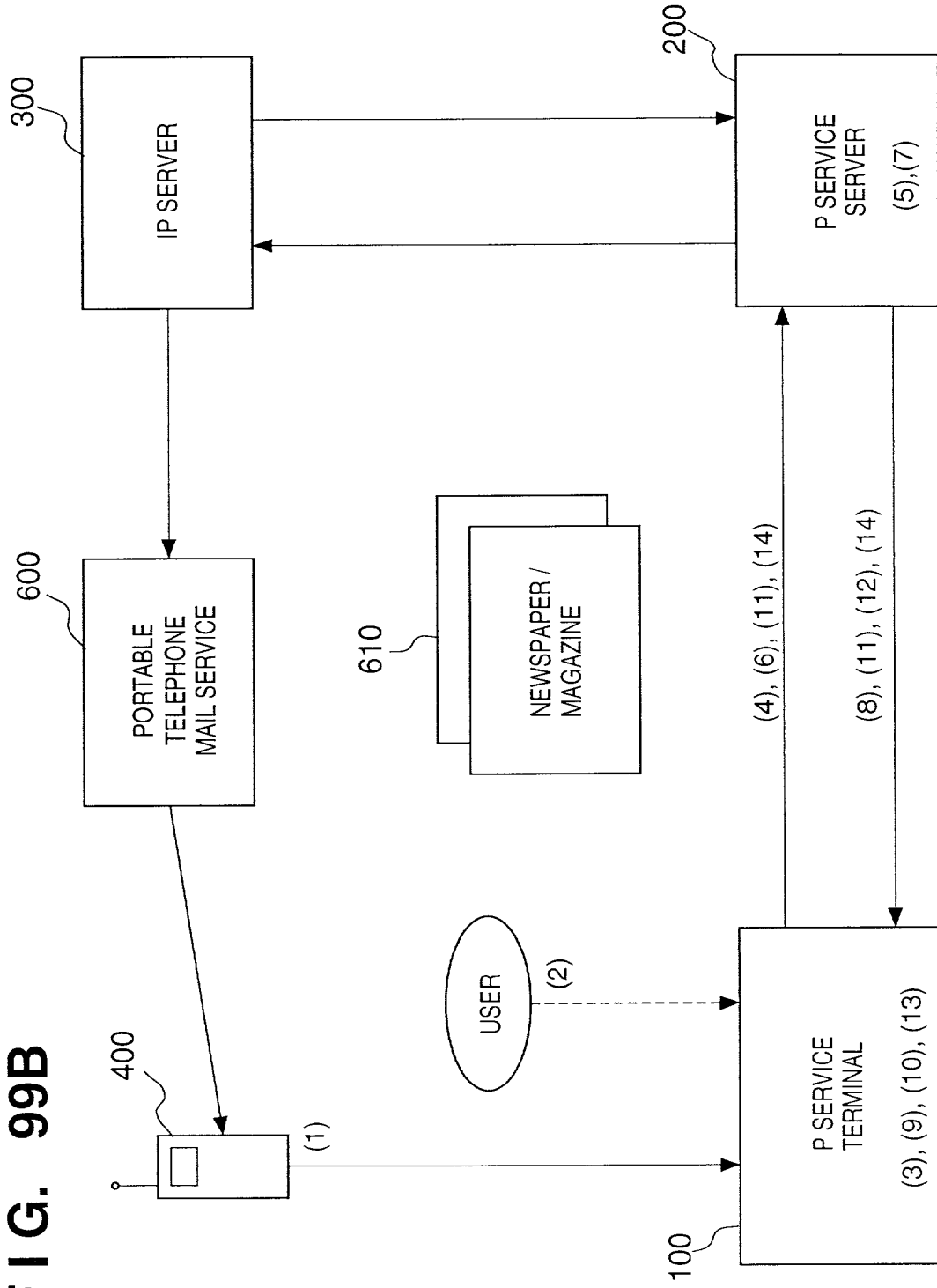
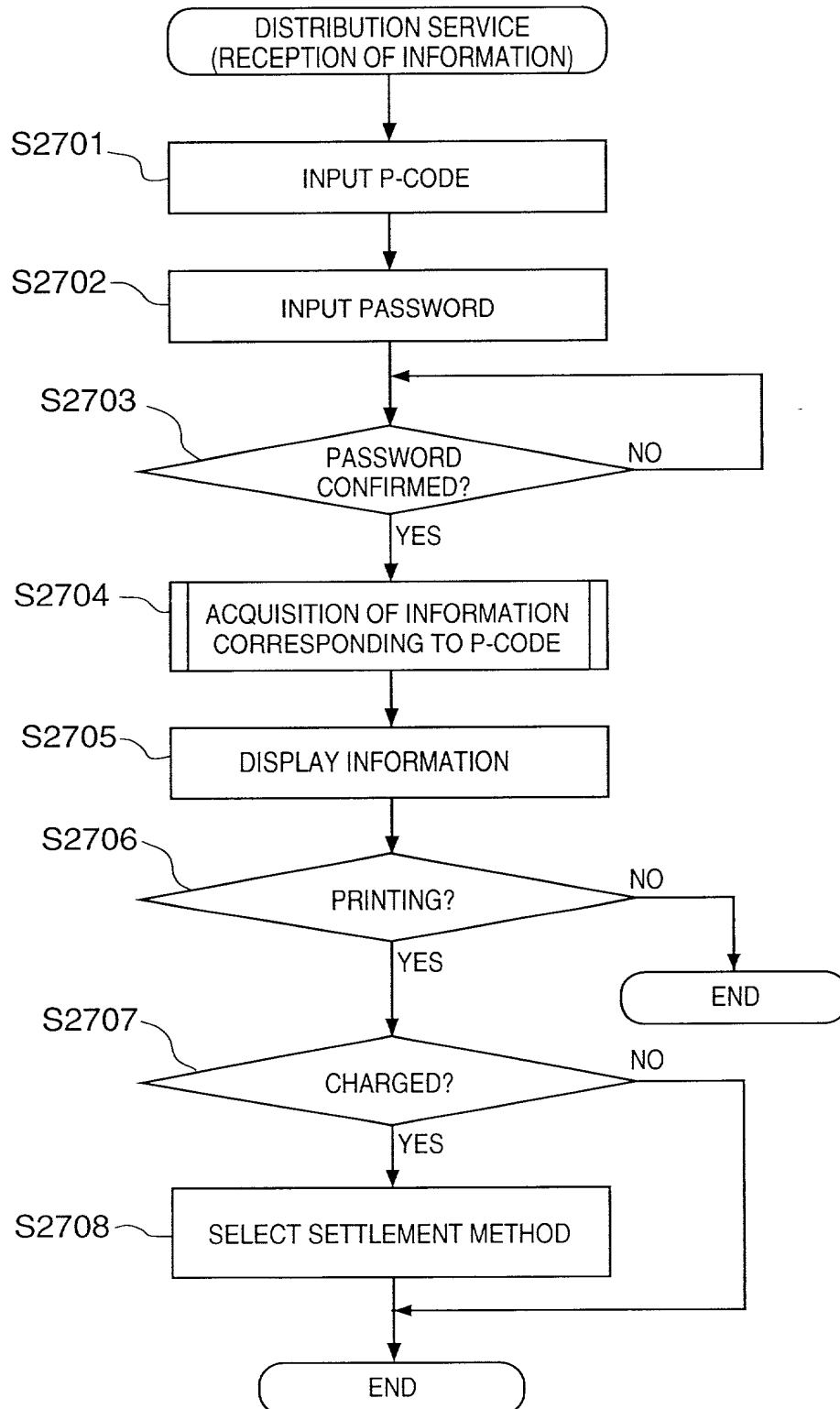


FIG. 100A

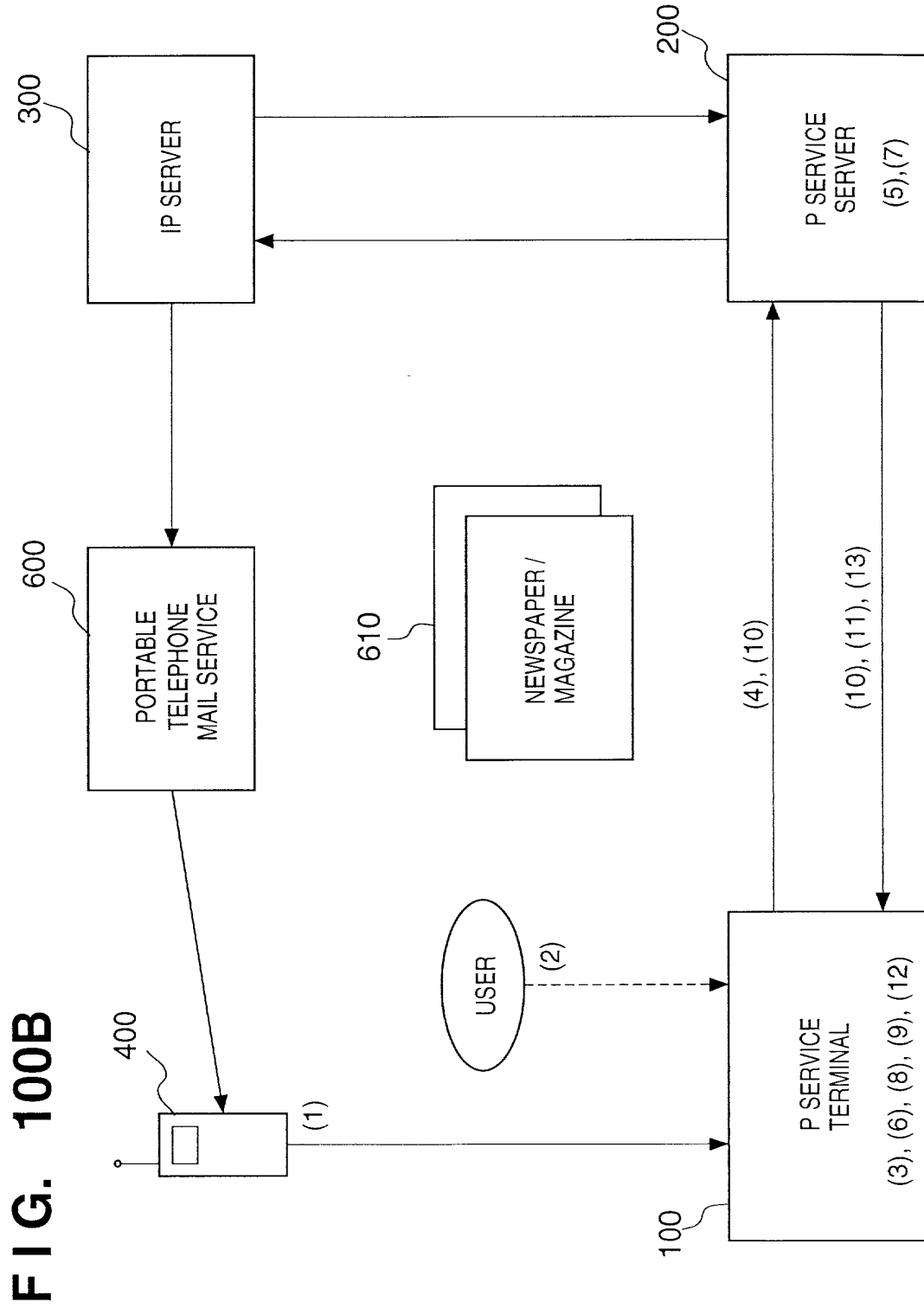
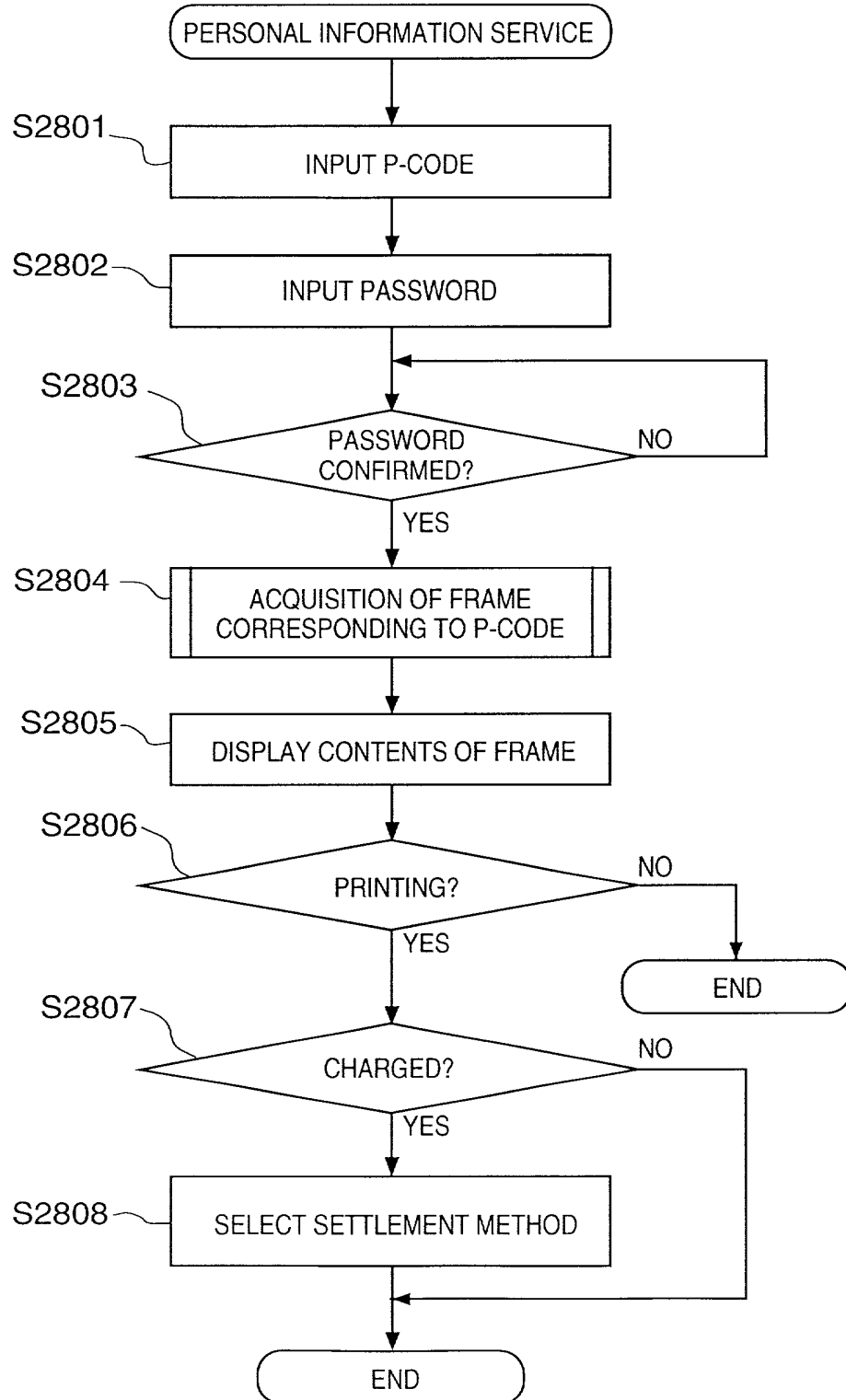


FIG. 101A

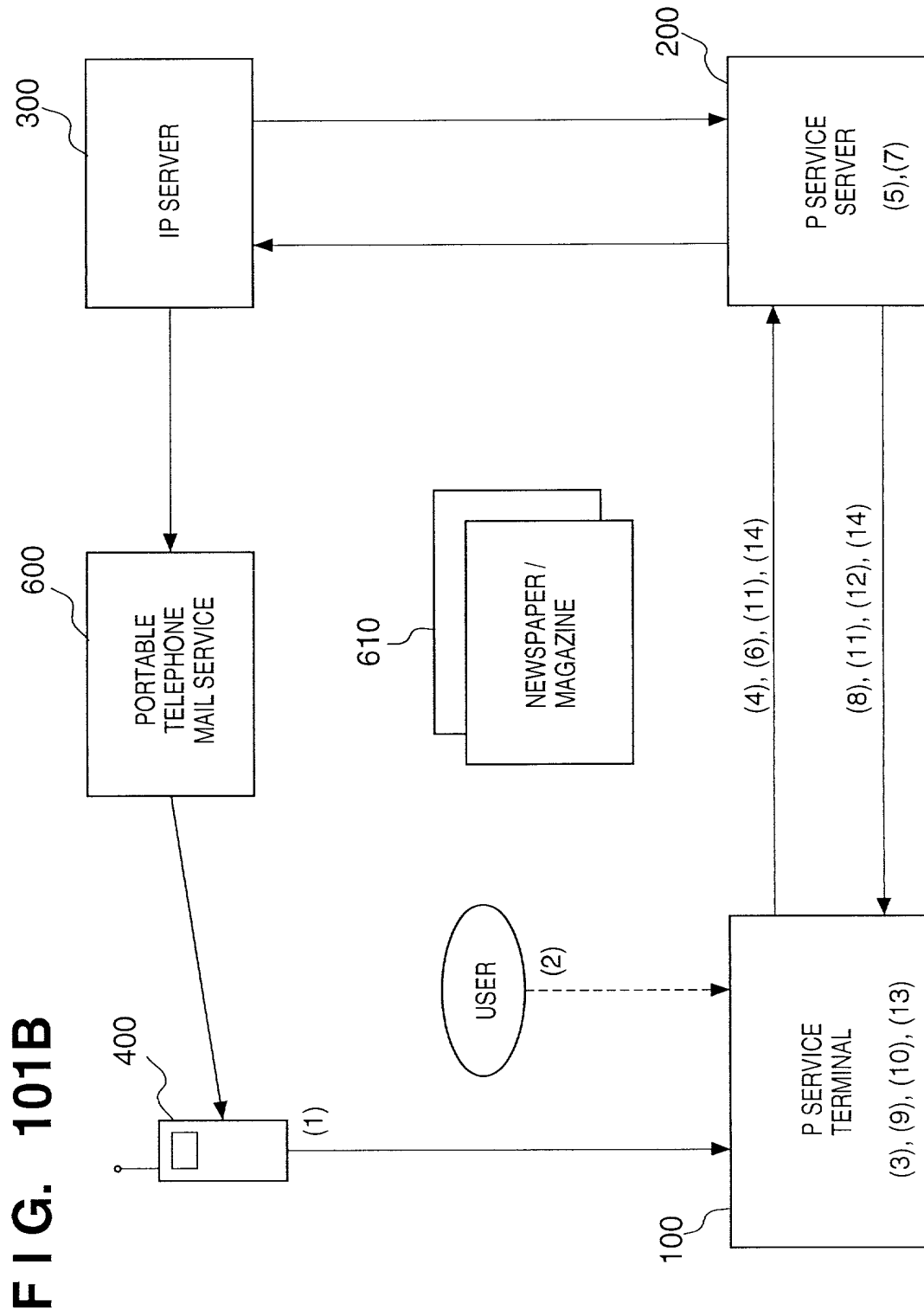
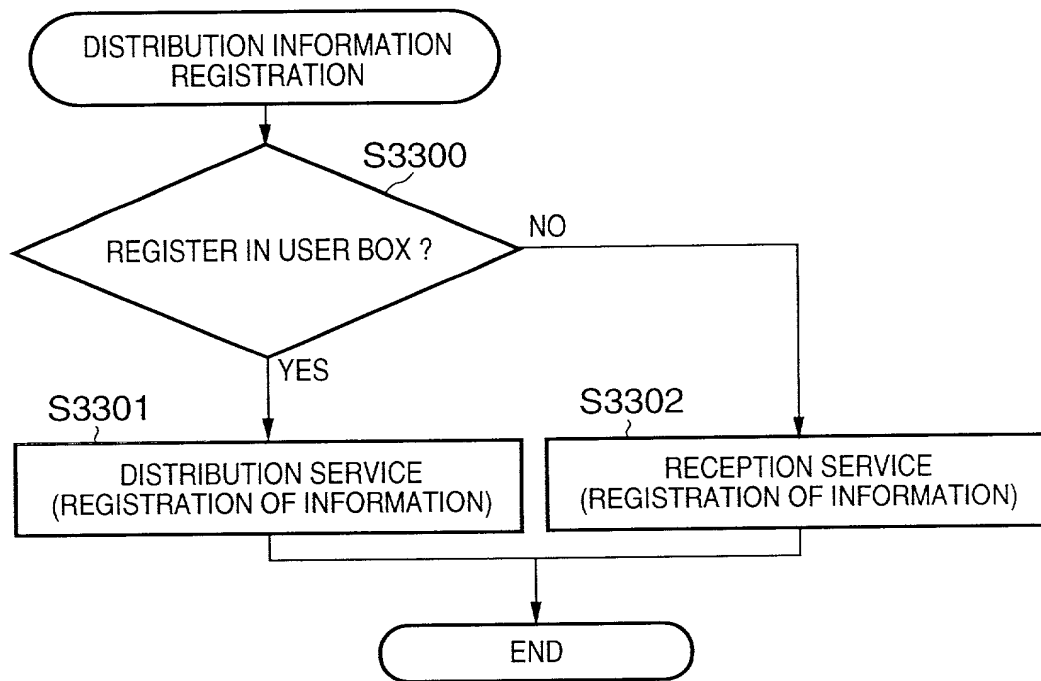
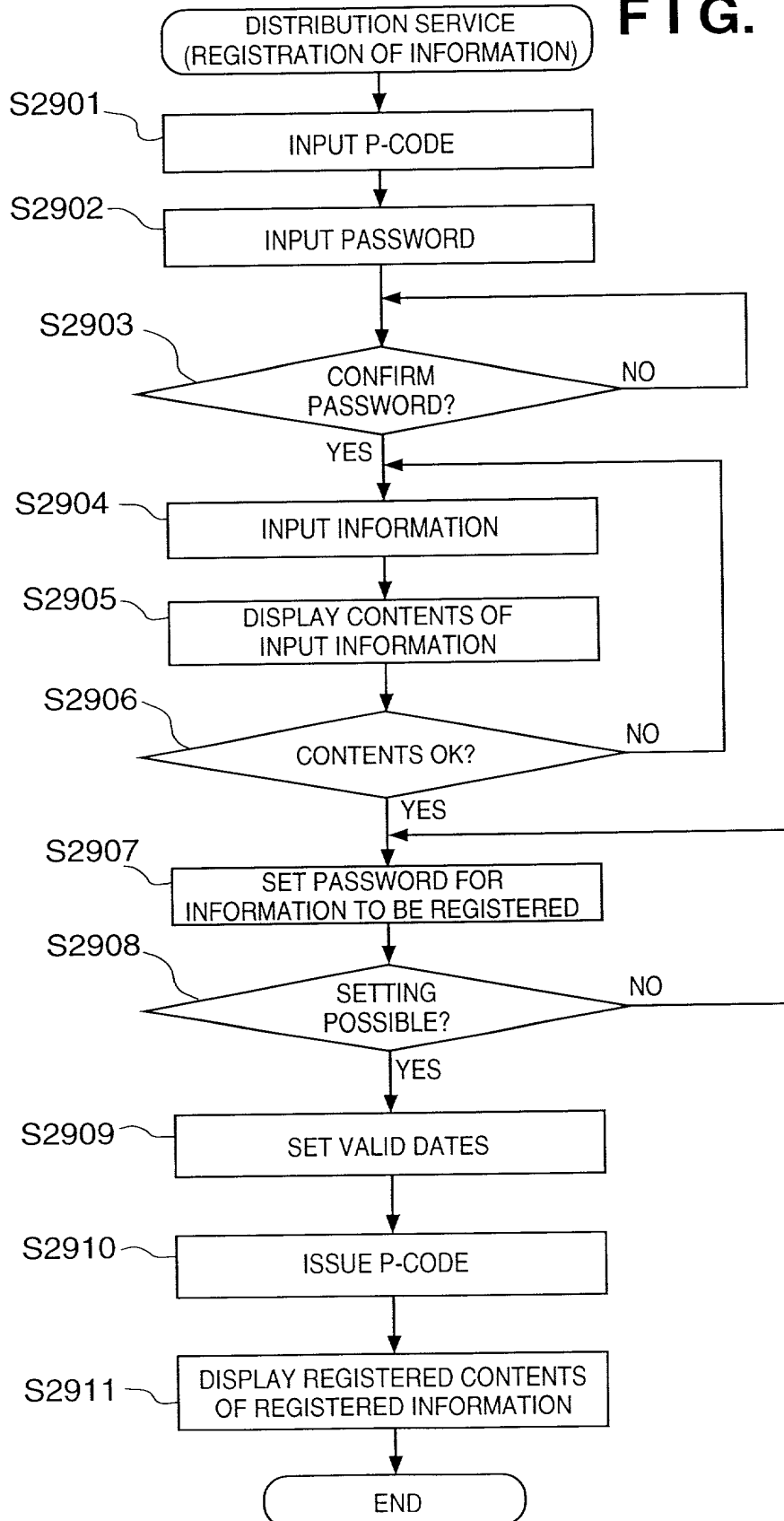


FIG. 102A

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FIG. 102B



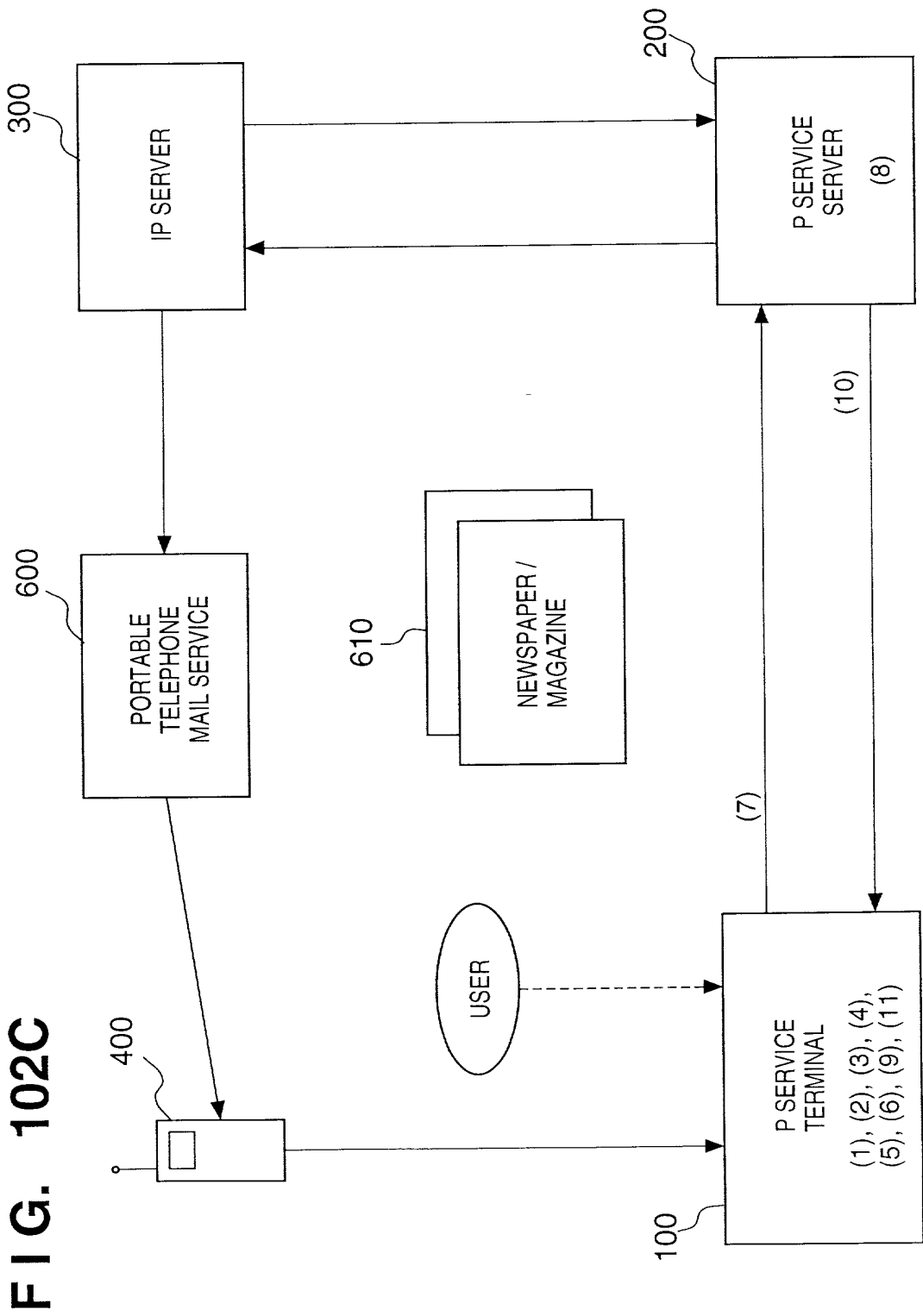


FIG. 102C is a block diagram of a P Service system architecture. The system includes a P Service Terminal (100) which is connected to a P Service Server (200) via a connection (7). The P Service Server (200) is connected to an IP Server (300) via a connection (10). The IP Server (300) is connected to a Portable Telephone Mail Service (600). The Portable Telephone Mail Service (600) is connected to the P Service Terminal (100). The P Service Terminal (100) is also connected to a User (610) via a dashed line. The P Service Terminal (100) is further connected to a Newspaper / Magazine (610) via a solid line. The P Service Terminal (100) is also connected to a small device (400) via a solid line. The small device (400) is connected to the P Service Terminal (100) via a solid line.

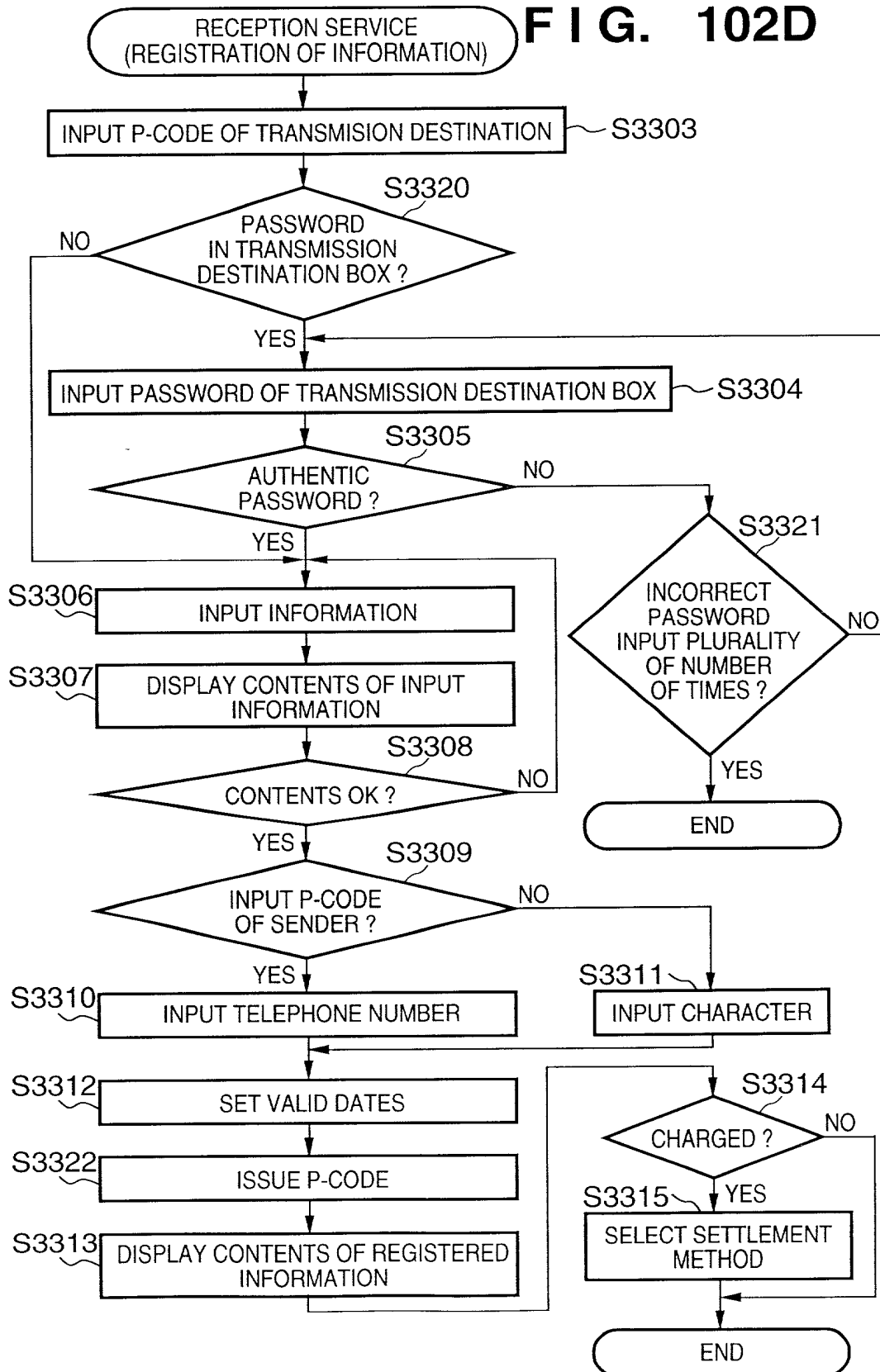


FIG. 103A

ACQUISITION OF IP INFORMATION

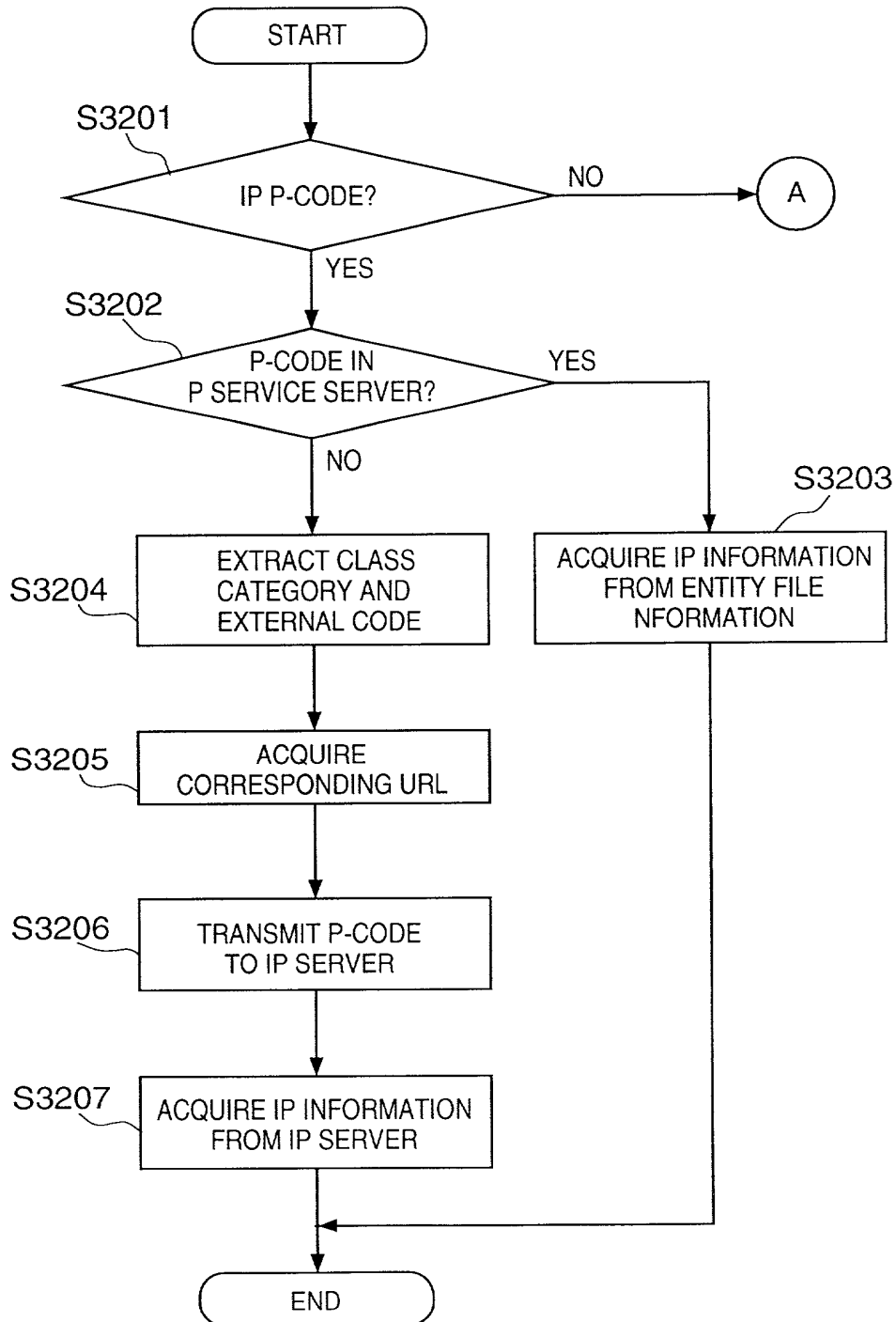


FIG. 103B

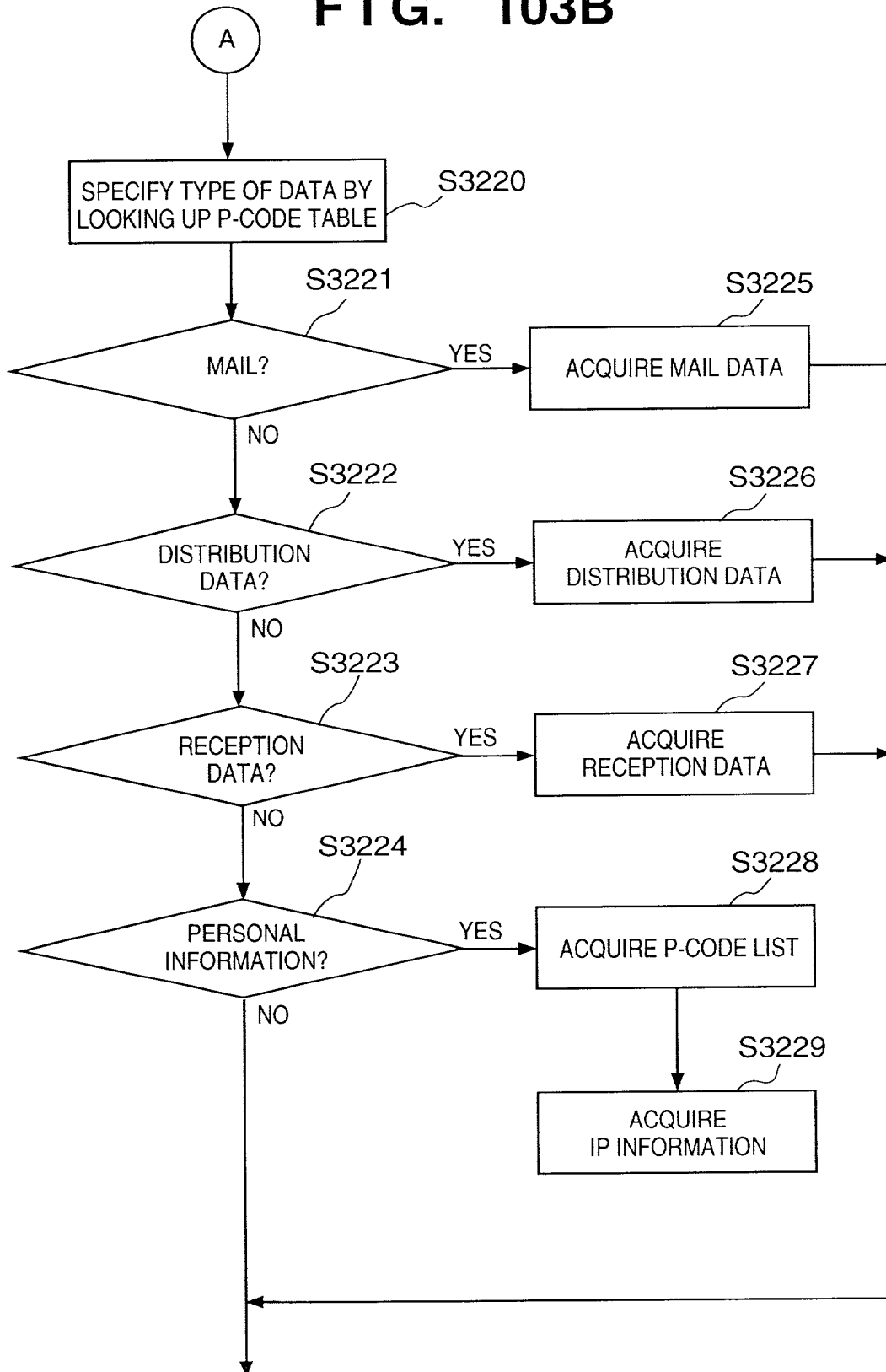


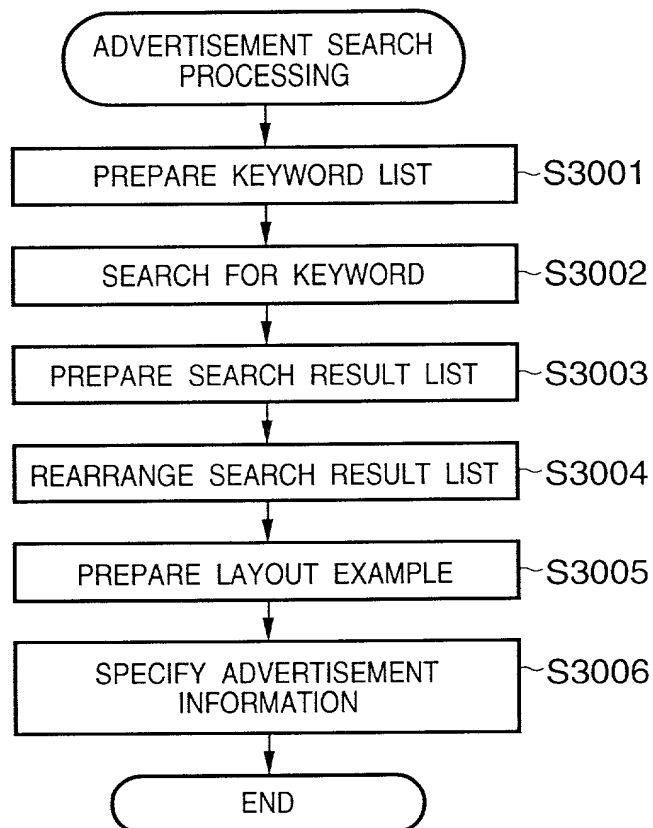
FIG. 104

FIG. 105A

IP INFORMATION LIST	
KEYWORD	WEIGHT
MARRIAGE	+10

FIG. 105B

USER REGISTRATION LIST	
KEYWORD	WEIGHT
TOKYO	+1
25 YEARS OLD	+1

FIG. 105C

P SERVICE TERMINAL LIST	
KEYWORD	WEIGHT
SAITAMA	+1

FIG. 105D

HIGHEST PRIORITY LIST	
KEYWORD	WEIGHT
ADMISSION	+5
CHINESE CUISINE	+4

FIG. 105E

LOWEST PRIORITY LIST	
KEYWORD	WEIGHT
TOKYO	+1
KANAGAWA	+1

FIG. 106A

SEARCH RESULT LIST OF IP INFORMATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
MARRIAGE	+10	+ + +	+100
	-5	* * *	-50
	+3	- - -	+30
	-4	+ - +	-40
	+7	* - *	+70

FIG. 106B

SEARCH RESULT LIST OF USER REGISTRATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	+2	@ @ *	+2
	+8	+ - *	+8
	-2	@ + +	-2
25 YEARS OLD	+10	@ * *	+10

FIG. 106C

SEARCH RESULT LIST OF P SERVICE TERMINAL LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
SAITAMA	+10	+ + @	+10
	+5	* + +	+5
	-5	@ * @	-5

FIG. 106D

SEARCH RESULT LIST OF HIGHEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
ADMISSION	+10	+ + /	+50
	+3	* / *	+15
CHINESE CUISINE	+3	% % %	+12
	-4	\$ \$ \$	-16
	+7	% & %	+28

FIG. 106E

SEARCH RESULT LIST OF LOWEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	+1	+ & +	+1
	-2	* * &	-2
KANAGAWA	+2	\$ - -	+2
	-2	+ - &	-2
	+1	* - &	+1

FIG. 107A

SEARCH RESULT LIST OF IP INFORMATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
MARRIAGE	+7	* - *	+85
	+10	+ - +	+80
	+3	- - -	+30
	-5	* * *	-30
	-4	+ - +	-45

FIG. 107B

SEARCH RESULT LIST OF USER REGISTRATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	+8	+ - *	+10
	-2	@ + +	+0
	+2	@ @ +	-1
25 YEARS OLD	+10	@ * *	+10

FIG. 107C

SEARCH RESULT LIST OF P SERVICE TERMINAL LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
SAITAMA	+10	+ + @	+15
	+5	* + +	+3
	-5	@ * @	-8

FIG. 107D

SEARCH RESULT LIST OF HIGHEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
ADMISSION	+10	+ + /	+40
	+3	* / *	+10
CHINESE CUISINE	+7	% & %	+25
	+3	% % %	+20
	-4	\$ \$ \$	-5

FIG. 107E

SEARCH RESULT LIST OF LOWEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	-2	* * &	+4
	+1	+ & +	-5
KANAGAWA	+2	\$ - -	+10
	-2	+ - &	-1
	+1	* - \$	-5

FIG. 108

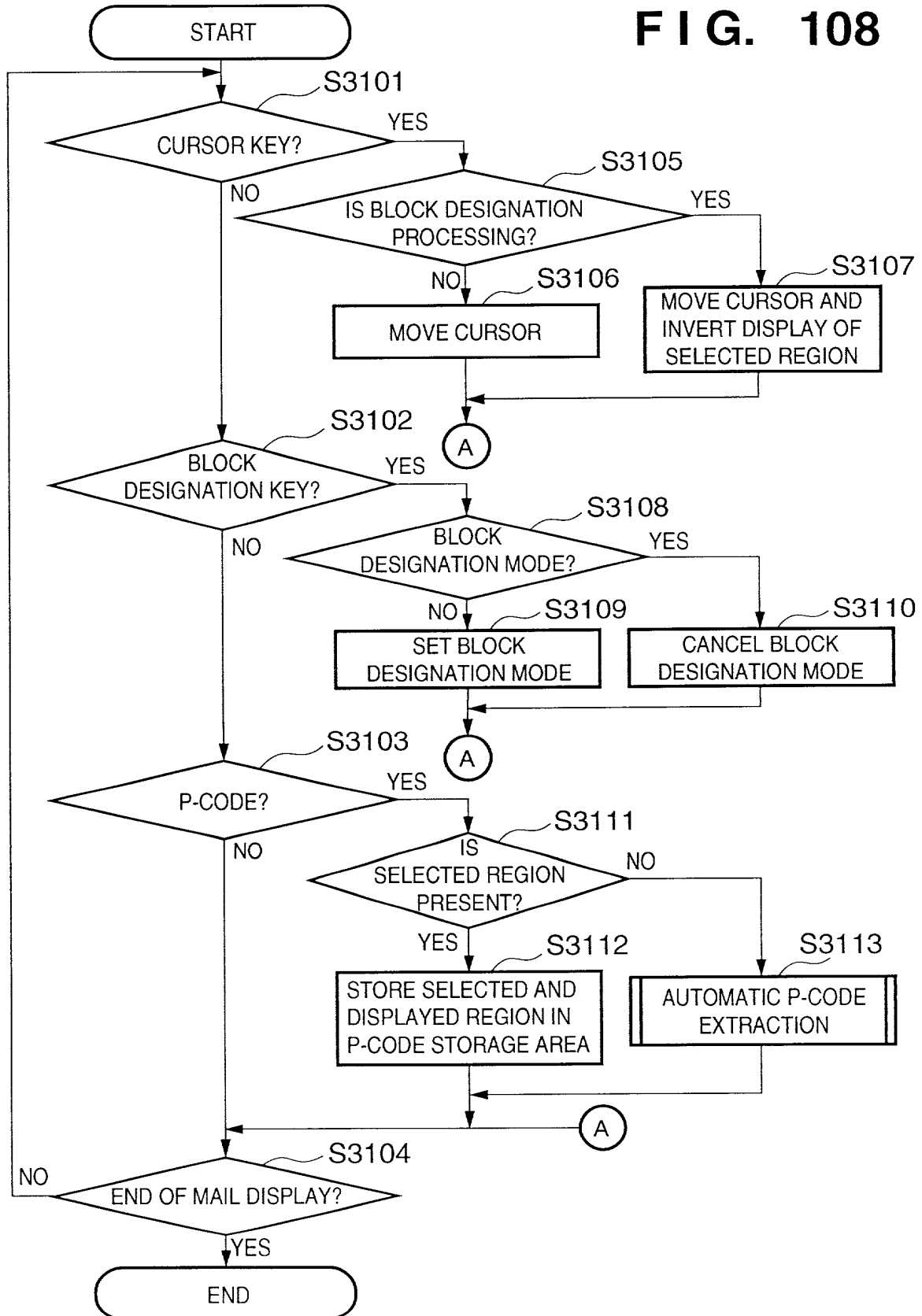
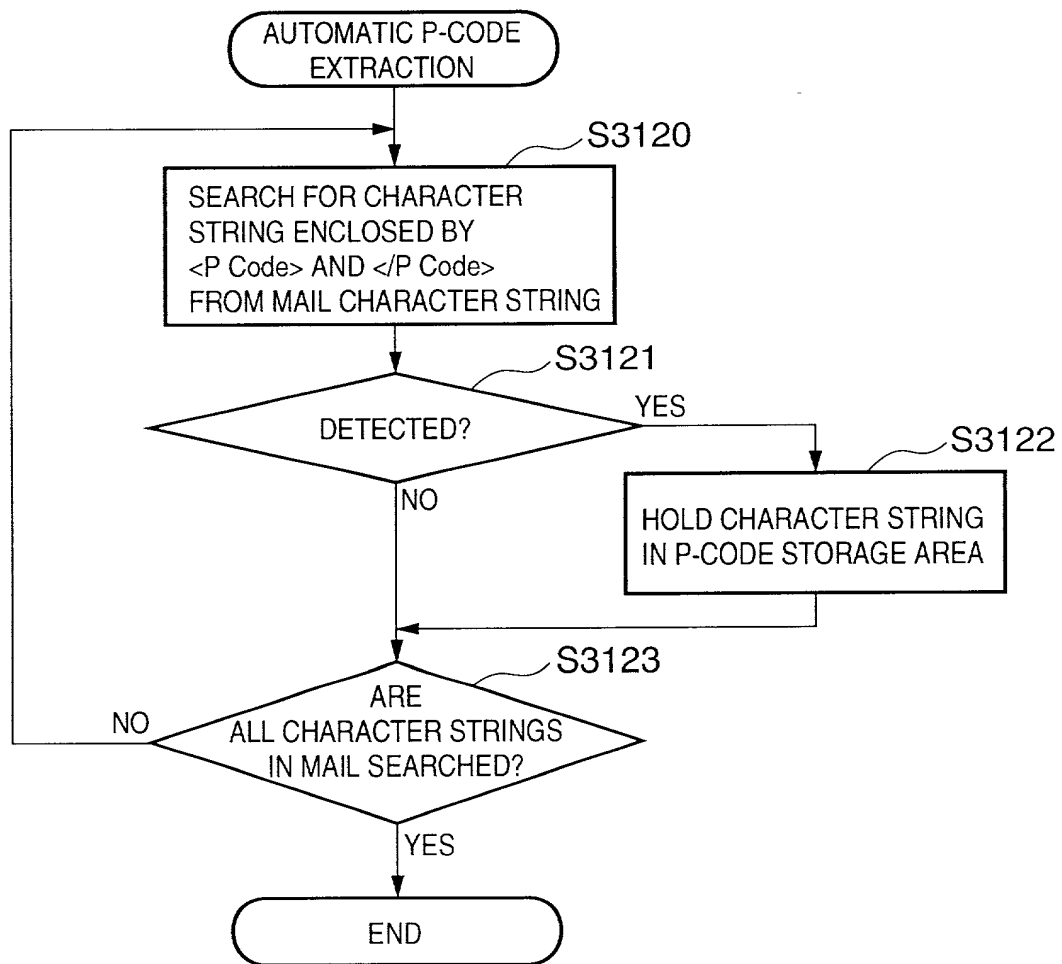


FIG. 109

MAIL UNDER DISPLAY AND AUTOMATIC P-CODE EXTRACTION



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P-CODE TRANSMISSION FUNCTION

< INITIAL WINDOW STATE >

FIG. 110

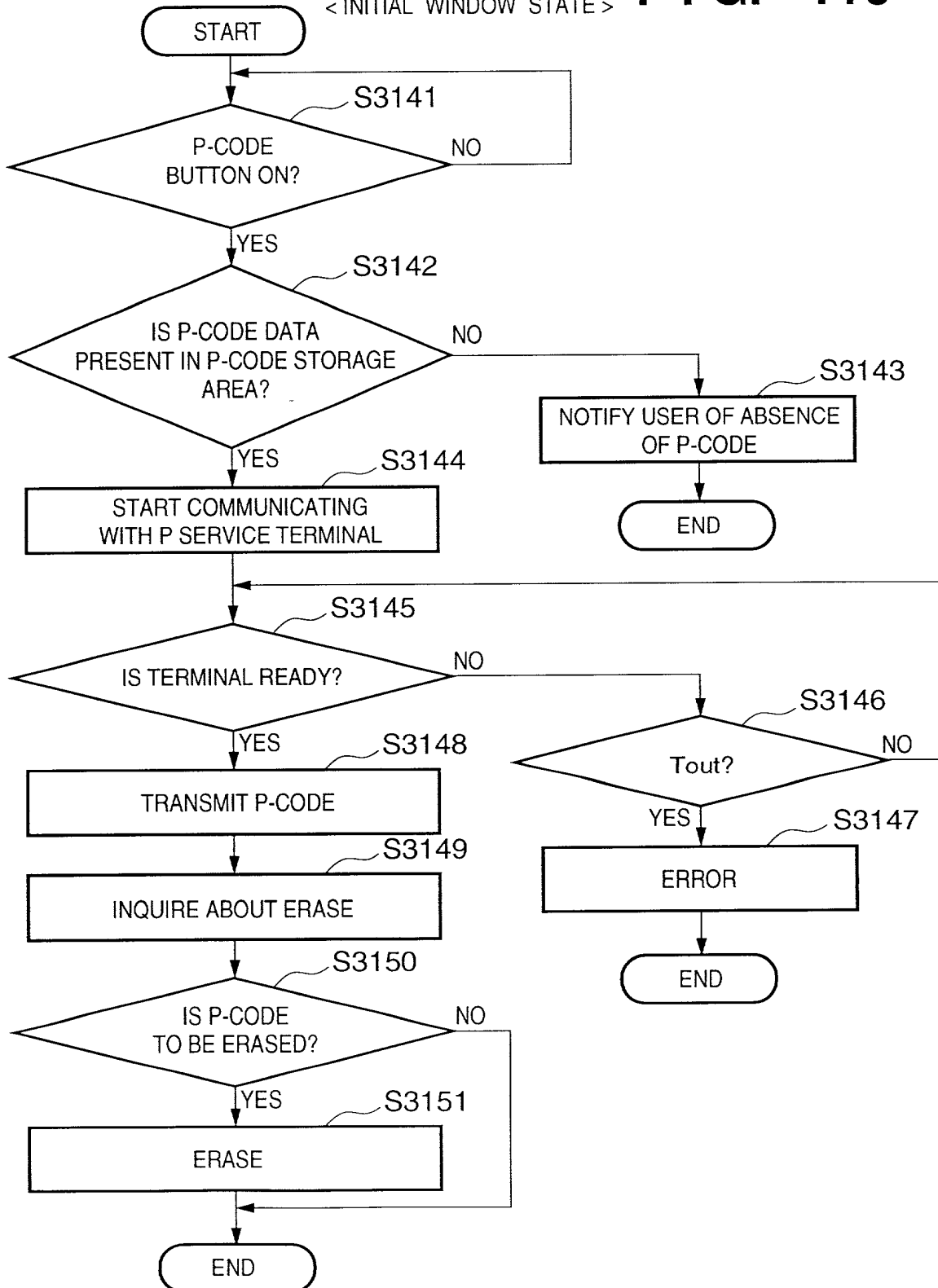


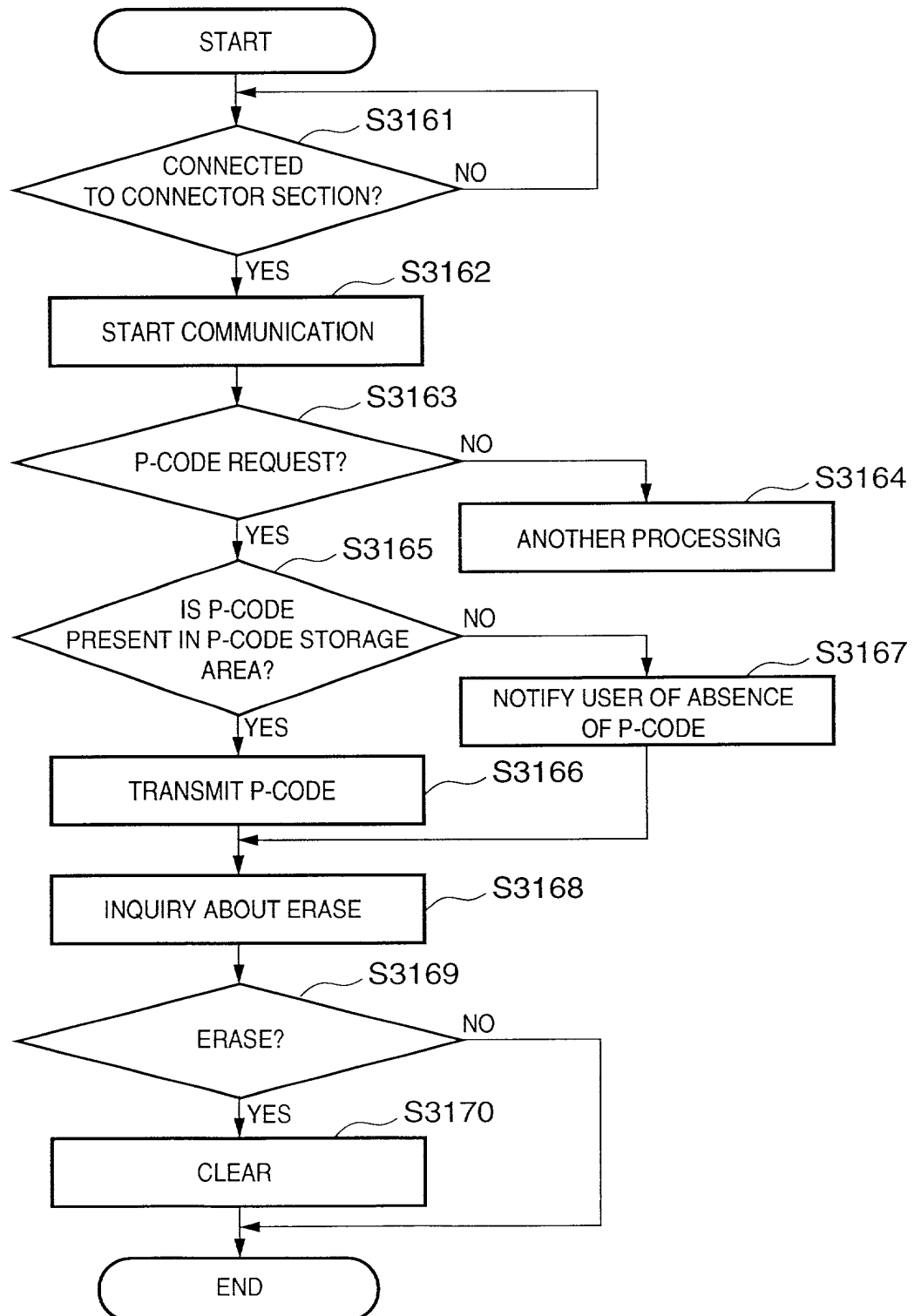
FIG. 111

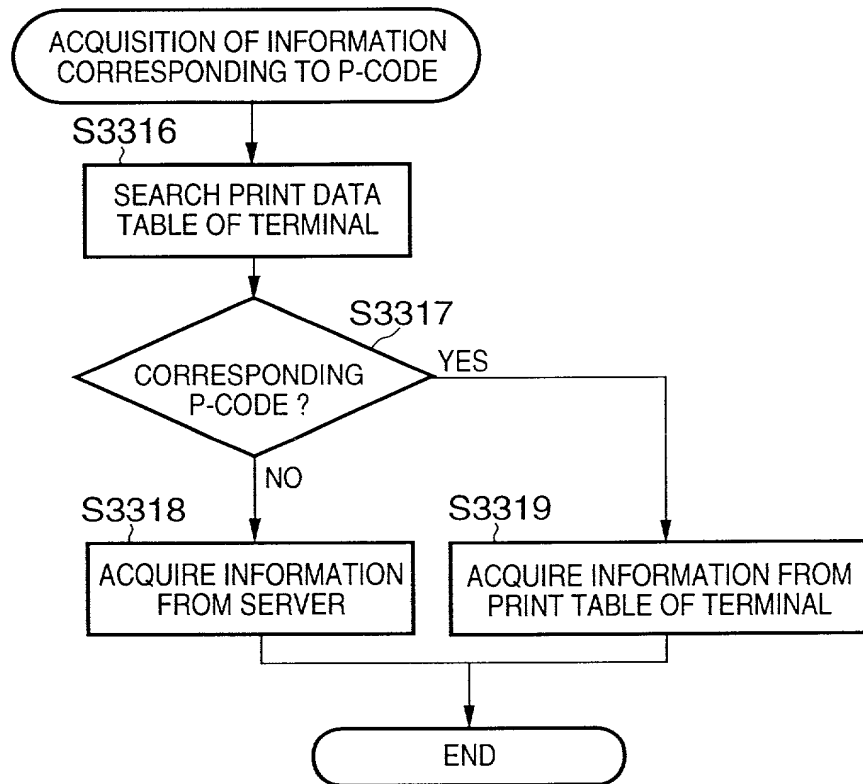
FIG. 112

FIG. 113

RECEPTION NOTIFICATION SERVICE FLOW (1)
NOTIFICATION MAIL WINDOW

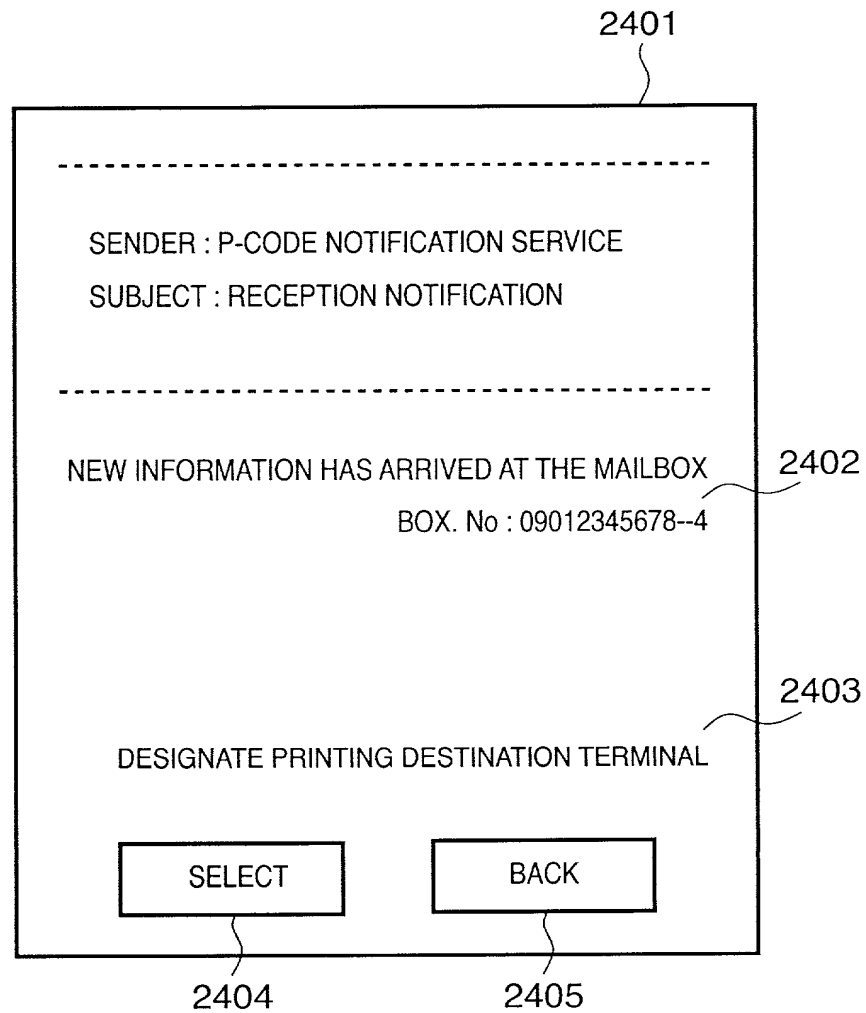


FIG. 114

RECEPTION NOTIFICATION SERVICE FLOW (3)

PRINTING DESTINATION TERMINAL DESIGNATION WINDOW

SEARCH FOR TERMINAL 2406

----- DESIGNATE PRINTING DESTINATION TERMINAL -----

BOX. No : 09012345678--4

SEARCH FROM TELEPHONE NUMBER OF SHOP
 SEARCH FROM ADDRESS
 SEARCH FROM MAP
 SEARCH FROM NEAREST STATION / INTERSECTION
 SEARCH FROM CURRENT POSITION

} 2407

SELECT 2408 BACK 2409

FIG. 115

RECEPTION NOTIFICATION SERVICE FLOW (4)
PRINTING DESTINATION TERMINAL DESIGNATION WINDOW

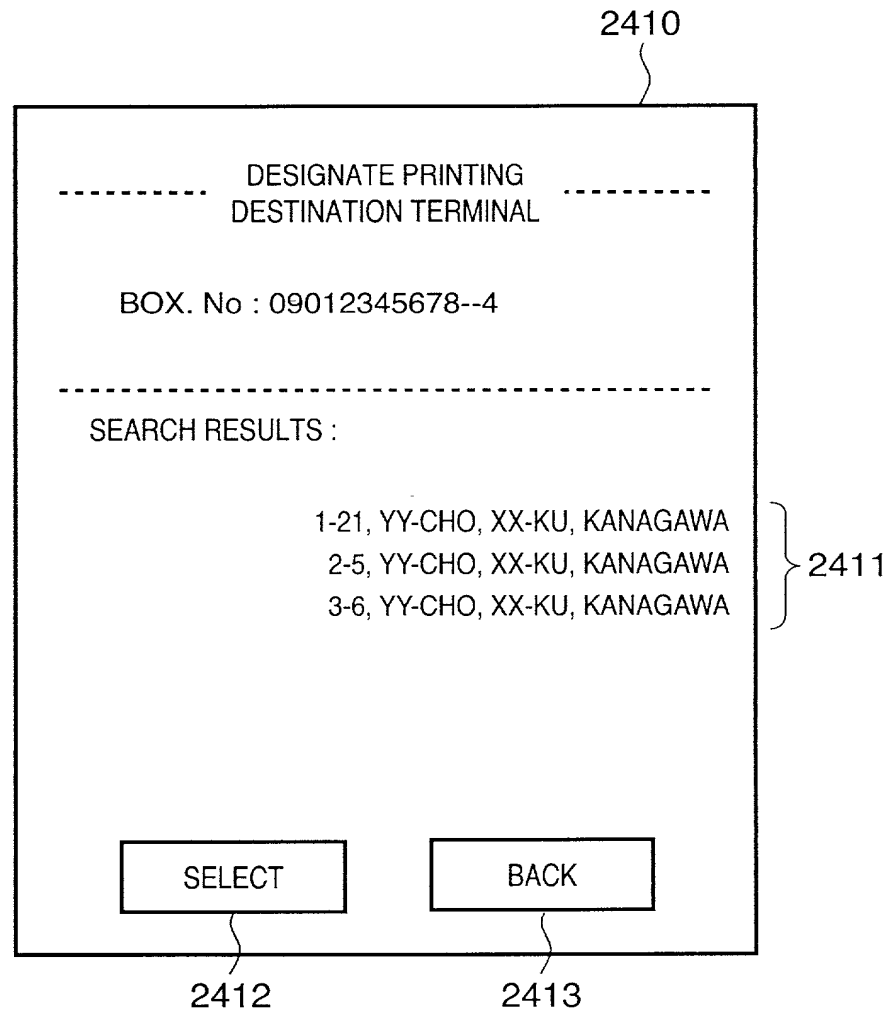


FIG. 116

RECEPTION NOTIFICATION SERVICE FLOW (5)
PRINTING DESTINATION TERMINAL DESIGNATION WINDOW

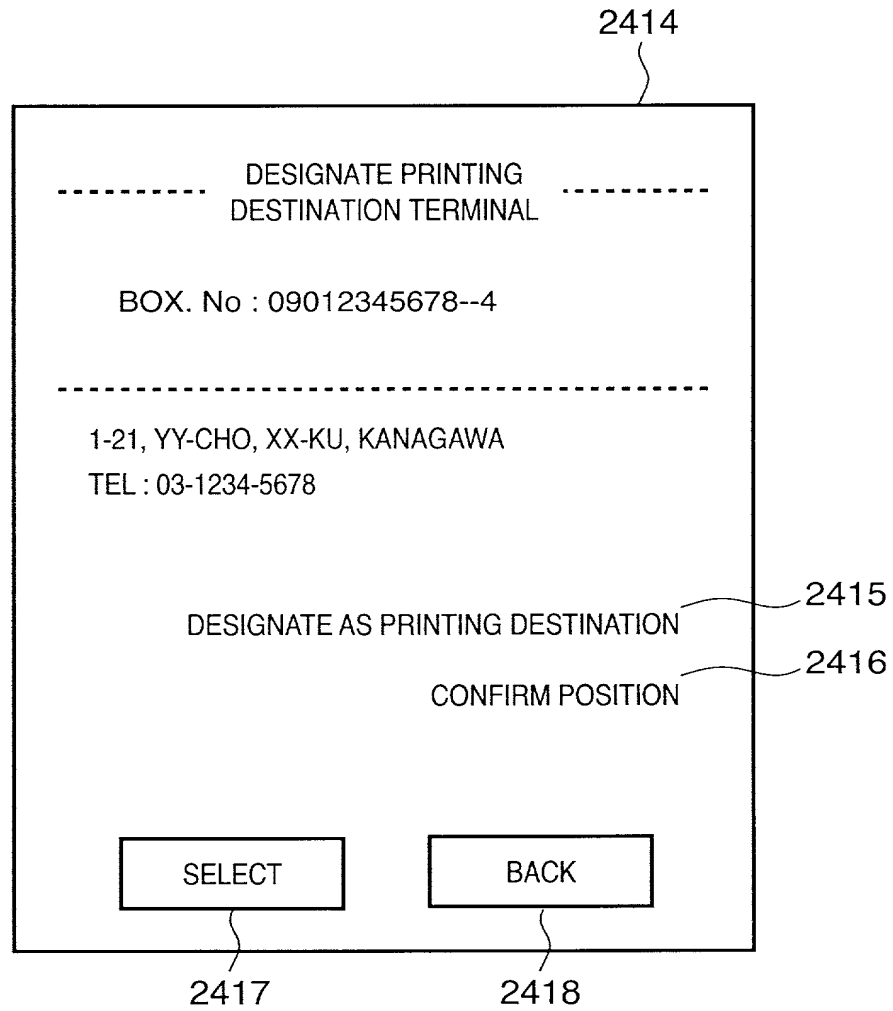


FIG. 117

RECEPTION NOTIFICATION SERVICE FLOW (6)
PRINTING DESTINATION TERMINAL DESIGNATION WINDOW
DEFAULT SETTING OF PERSONAL INFORMATION

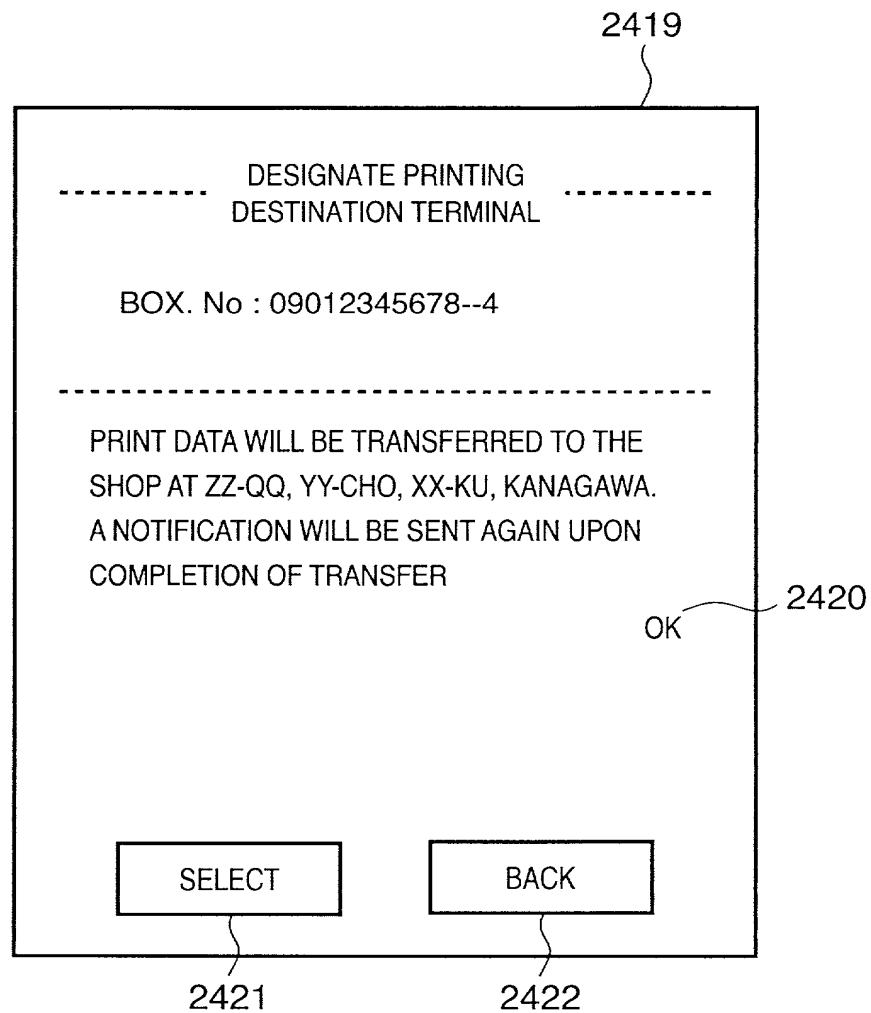


FIG. 118

RECEIPT NOTIFICATION SERVICE FLOW (1)
NOTIFICATION NAIL WINDOW

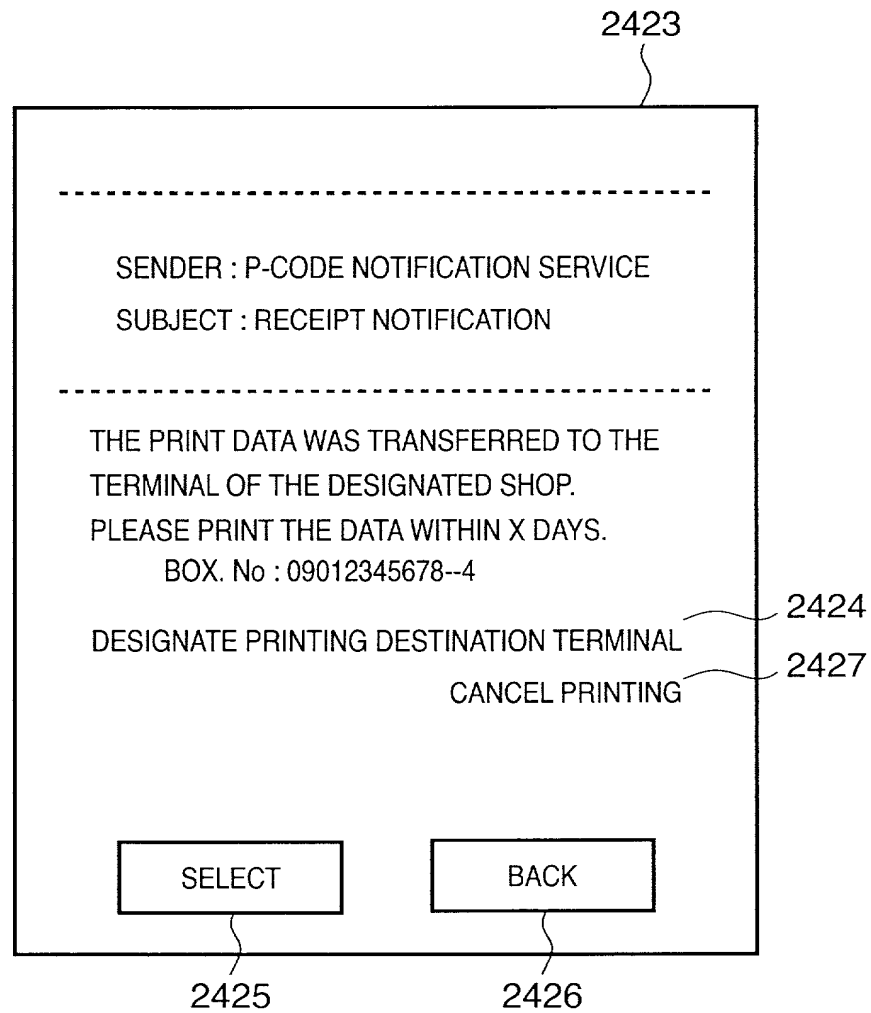


FIG. 119

EXPIRATION DATE NOTIFICATION SERVICE FLOW (1)
NOTIFICATION MAIL WINDOW

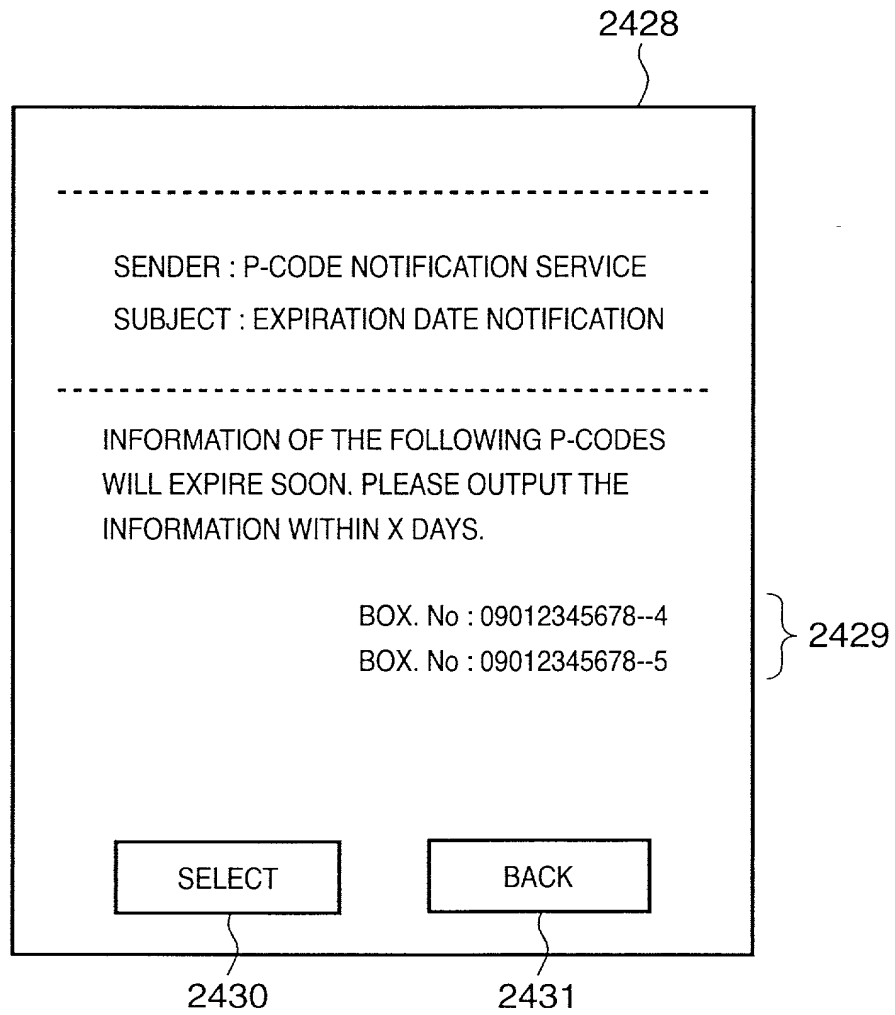


FIG. 120

EXPIRATION DATE NOTIFICATION SERVICE FLOW (2)
NOTIFICATION MAIL WINDOW

2432

----- P-CODE INFORMATION -----

BOX. No : 09012345678--4

TITLE / SENDER :

NAME 09098765432

PRINTING DESTINATION TERMINAL :
4-32, YY-KU, XX-SHI, KANAGAWA

EXPIRATION DATE :
2000 / 04 / 01

DESIGNATE PRINTING DESTINATION TERMINAL 2433
CANCEL PRINTING 2434

2435 2436

The figure shows a rectangular window titled 'EXPIRATION DATE NOTIFICATION SERVICE FLOW (2) NOTIFICATION MAIL WINDOW'. Inside the window, the text '----- P-CODE INFORMATION -----' is at the top. Below it is 'BOX. No : 09012345678--4'. Then 'TITLE / SENDER :'. Below that is a text input field with 'NAME' written to its left and '09098765432' to its right. Then 'PRINTING DESTINATION TERMINAL :' followed by '4-32, YY-KU, XX-SHI, KANAGAWA'. Then 'EXPIRATION DATE :' followed by '2000 / 04 / 01'. At the bottom, there are two buttons: 'SELECT' and 'BACK'. To the right of the window, there are labels '2433' and '2434' pointing to 'DESIGNATE PRINTING DESTINATION TERMINAL' and 'CANCEL PRINTING' respectively. Below the window, there are labels '2435' and '2436' pointing to the 'SELECT' and 'BACK' buttons respectively. A label '2432' is at the top right of the window.

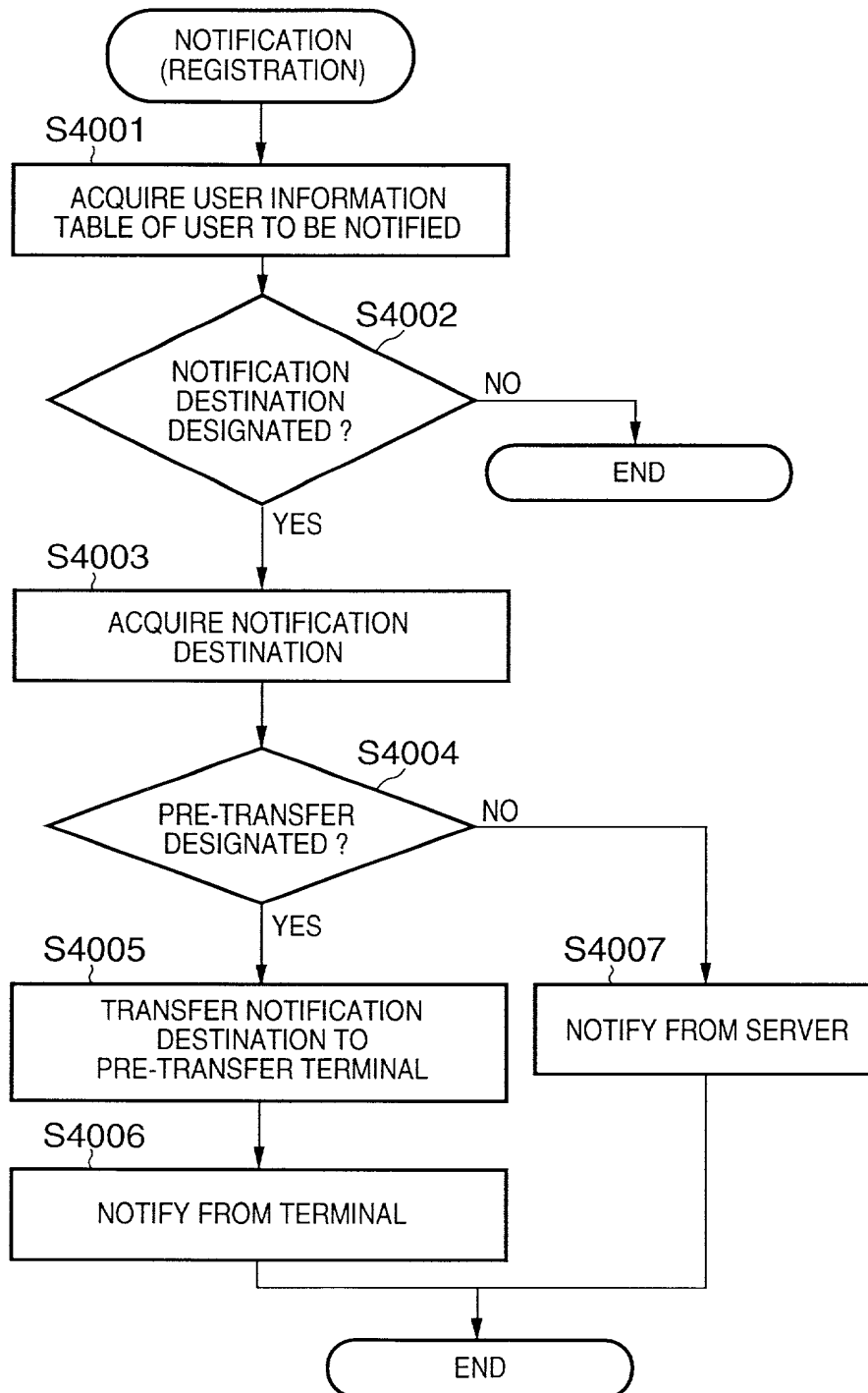
FIG. 121

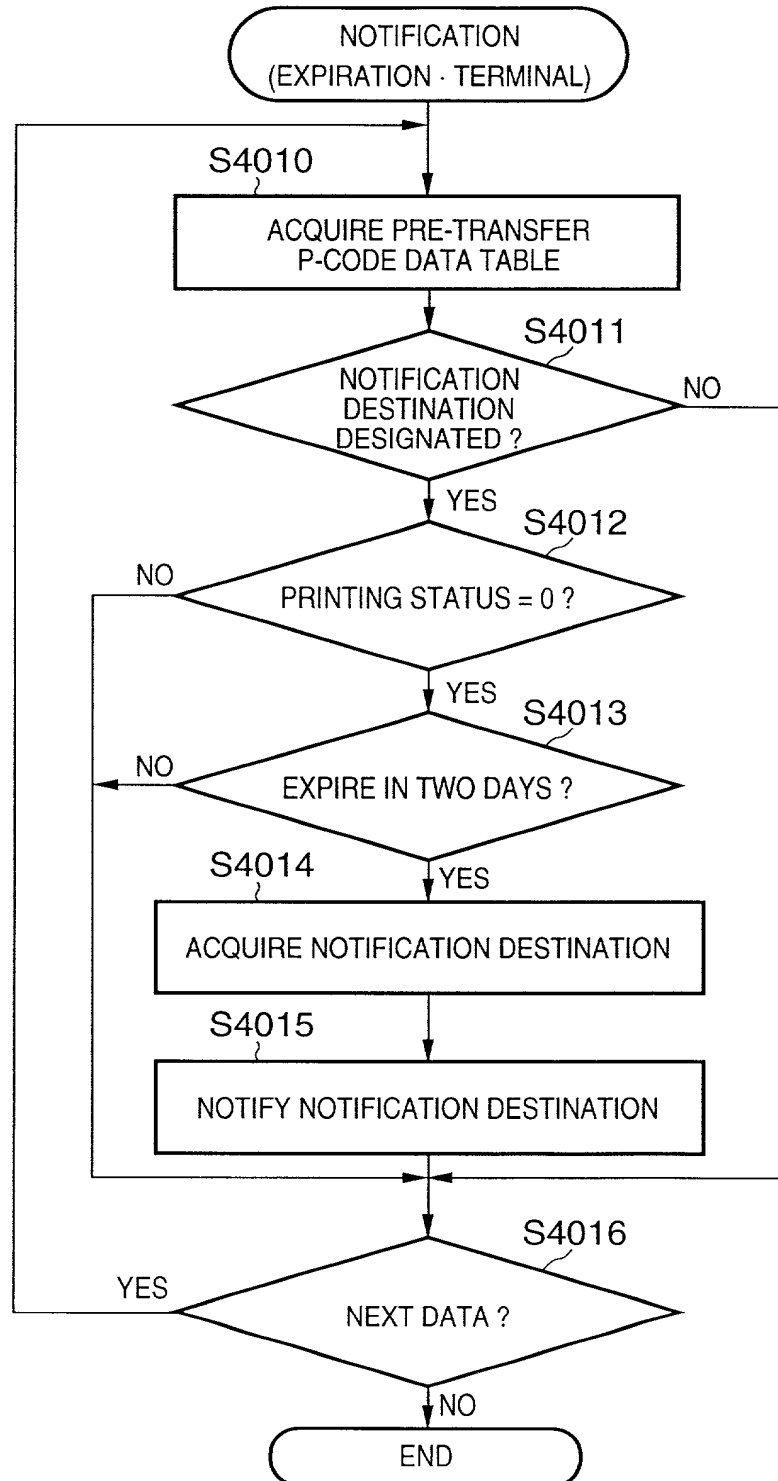
FIG. 122

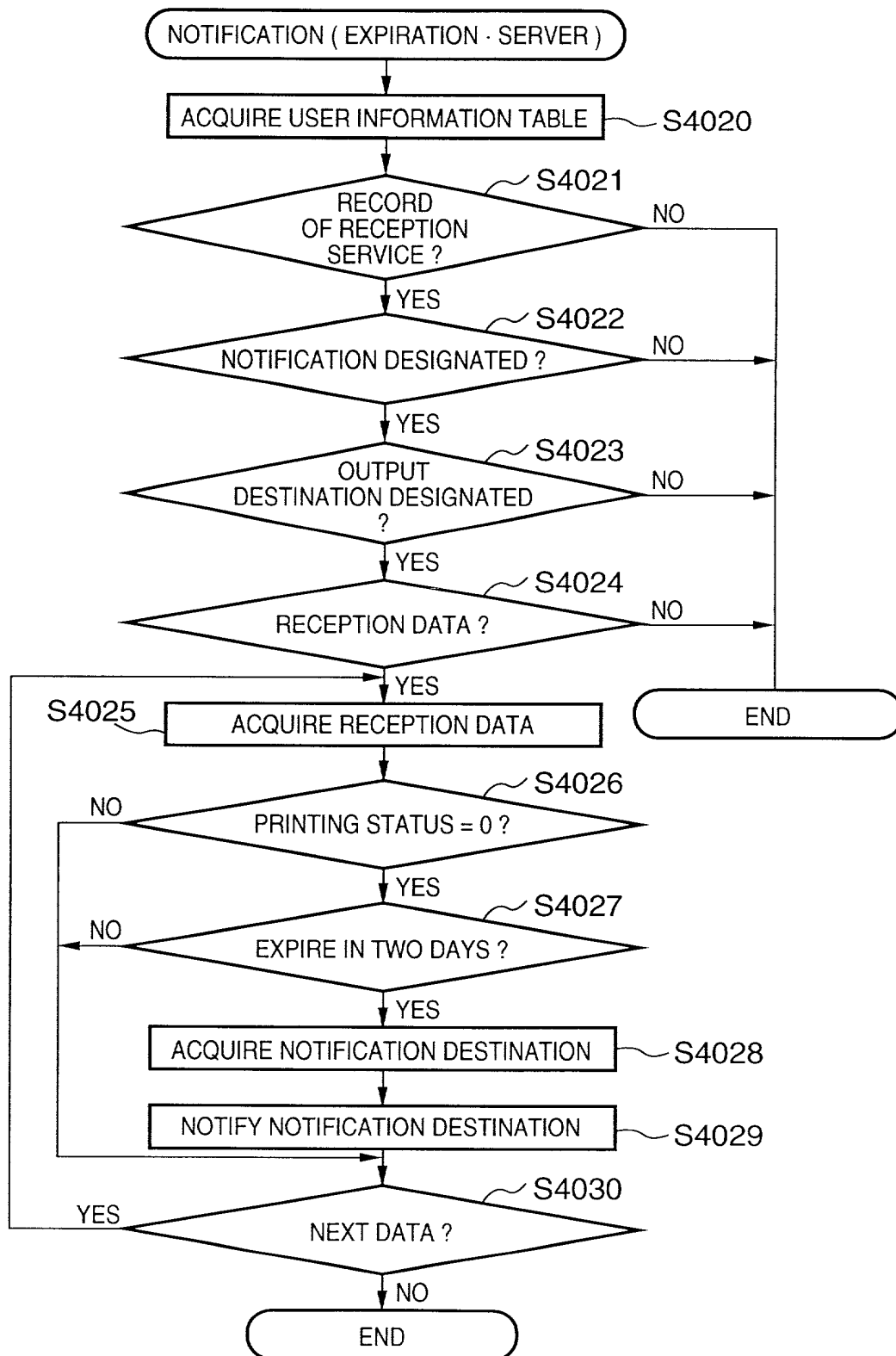
FIG. 123

FIG. 124